



District Improvement Plan

Academy for Business and Technology

Dr. Paul Merritt
19625 Wood St
Melvindale, MI 48122-2201

TABLE OF CONTENTS

Introduction	1
Improvement Plan Stakeholder Involvement	
Introduction	3
Improvement Planning Process	4
2017-2018 District Improvement Plan	
Overview	6
Goals Summary	7
Goal 1: All students K-12 in The Academy for Business and Technology District will become proficient in English Language Arts	8
Goal 2: All students K-12 in The Academy for Business and Technology District will become proficient in Mathematics. . .	42
Goal 3: All Students K-12 in the Academy for Business and Technology District will become proficient in Science. . .	67
Goal 4: All students K-12 at Academy for Business and Technology District will become proficient in Social Studies.	90
Activity Summary by Funding Source	117
Activity Summary by School	241

Introduction

The District Improvement Plan (DIP) has been designed to provide schools and districts with a common planning template that addresses student learning and system needs that have been identified through the schools' Comprehensive Needs Assessment.

Improvement Plan Stakeholder Involvement

Introduction

The responses should be brief, descriptive, and appropriate for the specific section. It is recommended that the responses are written offline and then transferred into the sections below.

Improvement Planning Process

Improvement Planning Process

Describe the process used to engage a variety of stakeholders in the development of the institution's improvement plan. Include information on how stakeholders were selected and informed of their roles, and how meetings were scheduled to accommodate them.

All work in the district improvement planning process began with the collection and analysis of multiple forms of data by the school improvement teams. Student, parent, faculty and staff stakeholders were surveyed both formally and informally regarding issues of concern to their respective roles. Content area/grade level leads worked with teams to collect and review data. Meetings for faculty/staff were scheduled at the end of the day and on professional development days to provide for full participation. Student meetings were held during the school day. Parents are surveyed annually and data analyzed for feedback on school programming. Parents who demonstrate a willingness to be involved more deeply in the life of the school are selected to meet at times that their schedules permit. Board members receive draft copies of the School Improvement Plan for review and approval.

Describe the representations from stakeholder groups that participated in the development of the improvement plan and their responsibilities in this process.

Team members had many different responsibilities, including collaborating with content-area teams to review data and research and identify appropriate strategies or supports for improvement. The team followed the comprehensive needs assessment process in ASSIST, as laid out by MDE, in order to collect all appropriate forms of data, garnering information from all stakeholders.

Explain how the final improvement plan was communicated to all stakeholders, and the method and frequency in which stakeholders receive information on its progress.

The final plan was reviewed by the school improvement team and with teachers. The final plan is available to parents in the fall; all staff will have online or hard copies for reference. In addition, the board received updates, particularly about achievement outcomes and were given a draft copy of the plan for approval, along with the supporting budget plan.

2017-2018 District Improvement Plan

Overview

Plan Name

2017-2018 District Improvement Plan

Plan Description

Goals Summary

The following is a summary of the goals encompassed in this plan. The details for each goal are available in the next section.

#	Goal Name	Goal Details	Goal Type	Total Funding
1	All students K-12 in The Academy for Business and Technology District will become proficient in English Language Arts.	Objectives: 5 Strategies: 23 Activities: 85	Academic	\$1292183
2	All students K-12 in The Academy for Business and Technology District will become proficient in Mathematics.	Objectives: 4 Strategies: 15 Activities: 66	Academic	\$888061
3	All Students K-12 in the Academy for Business and Technology District will become proficient in Science	Objectives: 3 Strategies: 13 Activities: 50	Academic	\$609826
4	All students K-12 at Academy for Business and Technology District will become proficient in Social Studies.	Objectives: 3 Strategies: 13 Activities: 51	Academic	\$350053

Goal 1: All students K-12 in The Academy for Business and Technology District will become proficient in English Language Arts.

Measurable Objective 1:

A 10% increase of Kindergarten, First, Second, Third, Fourth and Fifth grade Black or African-American, Asian, Bottom 30%, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a proficiency appropriate to their grade level in English Language Arts by 06/29/2018 as measured by the State assessment, KC4, SAT/MME, Explore/Plan, NWEA, DRA, IRI, WriteSteps, and Reading A to Z..

Strategy 1:

Elementary Technology Integration - The district will utilize and purchase hardware and software to meet the needs of ALL learners to promote mastery and to provide 'real-time' data to drive instruction in reading and writing. The instructional staff along with the school leader and instructional coach will monitor the use and effectiveness of technology in whole group instruction, Response to Intervention (Rtl) time (push-in and pull-outs) and allocate resources needed to address weaknesses in regards to all subgroups. Computer applications will offer audio, visual and real-life connections to engage learners and assist in implementing the Common Core and address the deficiencies in data.

Category: English/Language Arts

Research Cited: n/a

Tier: Tier 1

Activity - Daily Review and Practice of Skills with Technology (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will be given the opportunity to use technology to continuous review and practice skills and standards that strengthen issues of concern. Site licenses will be purchased to provide leveled, adaptive and and targeted visual stimulation to deliver instruction in an animated way on a daily basis to increase mastery. These site licenses consists but not limited to of Study Island, Compass Learning, Reading A-Z, Tumble Books, Vocabulary A-Z, Reading Horizons and other progress monitoring tools. Schools: Academy for Business and Technology Elementary	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$14000	Section 31a, Title I Part A	School leader, instructional staff, teachers, and support staff

Activity - Sustainable Professional Development on Effective Use of Technology for Reading (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Instructional staff along with administration will conduct a needs assessment on the level of understanding of increasing achievement with technology. At least two PD sessions will be offered, either on or off site to offer strategies and techniques to infuse technology into teaching. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$3500	Title II Part A	School leader, instructional coach and teachers
--	-----------------------	--------	-----------	------------	------------	--------	-----------------	---

Activity - Increase of Engagement Strategies in Classroom (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will make connections to real life in when making connections to literature of all genres to increase understanding when viewing videos, movies and simulations related to prior knowledge and introducing new concepts in reading and writing with United Streaming (can be used in all content areas). Schools: Academy for Business and Technology Elementary	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$1000	Title I Schoolwide	School leader, instructional coach and instructional staff

Activity - Online Computer Applications (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide students with time to access online computer applications such as but not limited to Moby Max and Raz Kids on a weekly basis. Schools: Academy for Business and Technology Elementary	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	Title I Schoolwide	All teachers, instructional coach

Strategy 2:

Elementary Effective Implementation of Response to Intervention Program with Fidelity - Both campuses will implement the Response to Intervention (RtI) process with fidelity while using data to provide small group tiered instruction while analyzing data on a consistent and regular basis. Staff will be trained on the process the success it has on academic progression. Daily time will be set aside for at least an hour for support for students whose academic data showed areas of below expected performance of level. Support staff will utilized and trained as well on the RtI model and provide supplemental support for students and working with general and special education.

Category: English/Language Arts

Research Cited: RtI Network

Tier: Tier 2

Activity - Monitoring by Instructional Coach (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>To ensure desirable results, the instructional coaches from both campuses will document and monitor with the Rtl process as a key member of the Rtl team. Also, the instructional coach will monitor the execution of all lessons in each tier (Tier 1, 2 and 3) and give feedback to the instructional staff, analyze data and model research based strategies. Data will be collected by instructional coach to assist in the evaluation of strategies and best practices utilized to support the Rtl process.</p> <p>Schools: Academy for Business and Technology High School, Academy for Business and Technology Elementary</p>	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$148050	Title I Schoolwide	School leader and instructional coach
<p>Activity - Strategic Planning of Support from Title I staff (elementary)</p>	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Student will receive on a daily basis extended learning opportunities from Title I teachers as a response to examination of their scores from universal screeners, diagnostic tools and progress monitoring tools. Title teachers will work with general education/classroom teachers to create a plan that will guide the students in increasing comprehension, fluency, phonemic awareness and other areas of difficulty that students experience in reading.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$161000	Title I Schoolwide	School leader, instructional coach, Title I teachers
<p>Activity - Daily Use of Evidence and Research Based Interventions and Manipulative Use (elementary)</p>	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Paraprofessionals, 31a and Title I teachers will use leveled readers, manipulative, games, trade books, informational texts (low leveled-high interest), and kits to help enhance understanding of standards and skills during all tiers of instruction.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Direct Instruction	Tier 3	Monitor	09/05/2017	06/29/2018	\$6200	Title I Schoolwide	School leader, instructional coach, all instructional staff
<p>Activity - Utilizing Additional/Extended Learning Opportunities to Increase Growth (elementary)</p>	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Summer School, After School Tutoring in collaboration with the Rtl will be used as extended time to deliver implicit and intentional interventions to students in small groups with various resources for both summer school and after school. STEM education will be one way but not limited to in which, we can increase student engagement and participation in order to see real results.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Academic Support Program	Tier 3	Monitor	09/05/2017	06/29/2018	\$31196	Section 31a	School leader, instructional coach, teachers and support staff

District Improvement Plan

Academy for Business and Technology

Activity - Meaningful Professional Development on Teaching At-Risk Youth/Rtl (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
After a CNA from the instructional staff on using the Rtl with various subgroups and at-risk youth, two or more sessions will be offered, and staff will be encouraged to attend. The staff will be expected to use strategies learned and the administrative staff will follow up with walk-through and feedback to gauge fidelity and implementation of evidence based strategies. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$5200	Title II Part A	School leader, instructional coach, instructional staff
Activity - Author Study (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide opportunities for students to study and learn about different authors of children's books during the year and through an Author Study during Reading Month. Each classroom will create a report which they will display on their door during Reading Month. (For example but not limited to Butcher block paper, copy paper, construction paper and other supplies are needed) Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$500	Title I Schoolwide	All teachers, Rtl Interventionist, Reading Specialist, Instructional Coach, Principal
Activity - Before, During and After Reading (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide students with strategies to strengthen vocabulary and comprehension skills before, during and after reading (including but not limited to anticipation guides, graphic organizers, story mapping, questions to support comprehension and making connections), such as reading response journals and retelling, and other programs like iXL. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$1700	Title III, Section 31a	Reading Specialist, All Teachers, Rtl interventionist, Paraeducators, Instructional Coach, Principal
Activity - Daily Reading to Students (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

Teachers, para-educators, and/or other adults will read aloud to students daily, incorporating thinking-aloud strategies to help increase comprehension and to model good reading skills. Teachers should utilize 10 minutes a day reading out loud to their students either after lunch or the last 10 minutes of the day. (Including guest readers, book giveaways, leveled trade books for each classroom)	Curriculum Development	Tier 2	Monitor	09/05/2017	06/29/2018	\$1000	Title I Schoolwide	All Teachers, paraeducators, Reading Interventionist, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Activity - Tier Time Reading Specialist (1) & Reading Interventionists (1) (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will establish a daily schedule to ensure a block of time is available for teachers to integrate reading and writing across core instruction through activities. This time will be called Tier Time and the Reading Interventionist will push into the classroom and work with tier 2 children who need additional interventions. The Reading Specialist will pull tier 3 students out for additional interventionist during this tier time or during their special classes. The Reading Specialist will also assist teachers with reading instruction, remediation, and assessment for our low performing readers	Academic Support Program	Tier 3	Monitor	08/14/2017	06/29/2018	\$108000	Title I Schoolwide, Section 31a	Reading Specialist, Teachers, Reading Interventionist, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Activity - Developmental Reading Assessment (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will use diagnostic reading assessments to identify students' reading level and skill proficiency for guiding appropriate instruction and intervention, especially for students performing below grade level. (requires copy paper for progress monitoring)	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$1500	Section 31a	General Education Teachers, Reading Specialist, Interventionist
Schools: Academy for Business and Technology Elementary								

Activity - Social Work Support (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Worker will work with identified, non IEP, 31a students and offer positive behavior support that serves to make students more successful in the classroom.	Behavioral Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$25500	Section 31a	Social Worker, Principal
Schools: Academy for Business and Technology Elementary								

Activity - Trade Book for Events (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

To help promote reading outside of the classroom, high interest trade books will be given to students through out the school year. These books can be purchased through but not limited to Scholastic Book Orders, Scholastic Warehouse Sale, book sales, etc. Schools: Academy for Business and Technology Elementary	Parent Involvement	Tier 3	Implement	09/05/2017	06/29/2018	\$4000	Title I Schoolwide	Reading Specialist, Rtl Interventionist, Instructional Staff, Instructional Coach, School Leader
---	--------------------	--------	-----------	------------	------------	--------	--------------------	--

Activity - Motivation for Reading (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide students with various activities to promote reading, such as but not limited to School-wide Read In, School-wide Buddy Reading, School-wide DEAR, Reading Month Kick-Off activities, etc. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Getting Ready	01/08/2018	04/27/2018	\$500	Title I Schoolwide	Reading Specialist, Rtl Interventionist, Instructional Staff, Instructional Coach, School Leader

Strategy 3:

Elementary Integration of Writing Across All Content Areas - The academic expectation for teachers to write across reading, science, physical education and social studies will be communicated from administration and will be monitored by the leader and the coach. Lesson plans, mapping, written constructed response rubrics and pacing guides will be followed to guide the teachers in lesson planning. Professional development will also be an avenue to equip teachers with strategies and materials to reach ALL learners.

Category: English/Language Arts

Research Cited: [http://www.ttms.org/PDFs/06%20Writing%20Across%20the%20Curriculum%20v001%20\(Full\).pdf](http://www.ttms.org/PDFs/06%20Writing%20Across%20the%20Curriculum%20v001%20(Full).pdf)

Tier: Tier 1

Activity - Supplemental Writing Resources/Materials (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff selected supplemental materials to help support the core and WriteSteps and address the foundational skills that the students lack to help promote proficiency on all local and statewide testing. Schools: Academy for Business and Technology Elementary	Supplemental Materials	Tier 2	Implement	09/05/2017	06/29/2018	\$1000	Title I Schoolwide	School leader, instructional coach, instructional staff

District Improvement Plan

Academy for Business and Technology

Activity - Best Practices of Writing Across Curriculum (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Writing and the components that contribute to the traits of a "good writer" will be discussed at selected professional developments to support the existing program. Writing samples will be used to grade together using the same rubric to make sure that we are all using the rubric with fidelity.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$1000	Title II Part A	School leader, instructional coach, instructional staff
Activity - Reading Vocabulary (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will increase use and emphasis of Reading vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and NWEA. Teachers will be required to keep a Reading word wall with current vocabulary necessary for their current topic.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Teachers, Instructional Coach, Principal
Activity - Writing Sample Submission (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will assign a Reading constructed response question to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Technology , Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Teachers, Instructional Coach, Principal
Activity - Annual Publishing of Writing (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>All students will be expected to publish an individual writing piece annually at a minimum. Publishing Day will celebrate our young authors. (Copy paper, binding materials, stickers, glue, markers, crayons, etc. are needed)</p> <p>Schools: Academy for Business and Technology Elementary</p>	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$2000	Title I Schoolwide	Teachers, Instructional Coach, Principal
Activity - Motivation for Writing (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

Teachers will celebrate writing through a variety of activities during the year. (e.g. author studies, poetry month, writing contest, Write-A-Thon, Publishing Parties, etc.) Schools: Academy for Business and Technology Elementary	Direct Instruction, Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Title I Schoolwide	Teachers, Reading Specialist, Instructional Coach, Principal
Activity - Weekly Writing with Relevant and Meaningful Prompts (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers and/or para-professionals will support English Language Learning and meaningful access to core curriculum through writing for meaning in all content areas. Teachers will teach mini-lessons daily using the WriteSteps. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Classroom Teachers, Instructional Coach, Paraeducators, Principal

Strategy 4:

Elementary Data Driven Decision Making - A multiple of data sources will be used such as statewide assessments, local data along with research to guide differentiated instruction within the classroom and drive the RtI program as well. Portfolios will be housed in the classroom to serve as a representation of the students mastery level and understanding. Meetings (grade level, school improvement, content area, data team, etc) will be forums to assess the growth of students and if interventions and programs are implemented as prescribed. The analysis of data will serve as the catalyst for change in tiered instruction and will be monitored and evaluated by the administrative staff.

Category: English/Language Arts

Research Cited: Data-Driven School Improvement By Mandinach, Ellen Beth (EDT)/ Honey, Margaret (EDT)

Tier: Tier 2

Activity - Routine Data Analysis for Evaluation and Planning (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Use data warehouses like MI School Data that assist with compiling data and the school improvement process will be utilized to drive instruction and continuous improvement. Survey Monkey and survey data from the surveys in Assist will be used as data points for school wide reflection and change. Schools: Academy for Business and Technology Elementary	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$800	Title II Part A	School leader and instructional coach
Activity - Professional Development on Using Data to Impact Achievement (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

On and off site professional developments (Wayne RESA and MDE) will be offered to discuss avenues and methods to use data more effectively to improve the growth of student success. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$3500	Title II Part A	School leader, instructional coach, instructional staff
---	-----------------------	--------	---------	------------	------------	--------	-----------------	---

Activity - Highly Qualified Teachers (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Retention bonuses for highly qualified teachers who return to the school in the fall. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$15000	Title II Part A	Instructional staff, support staff, Instructional Coach, School Leader

Strategy 5:

Elementary Continuous Engagement of Families to Support Learning - In accordance with the Parent Involvement Policy, families will work in concert with the staff to learn new ways to meet state standards, help with homework, strengthen weak areas of learning, encourage and motivate students. Meetings will be held at flexible times to meet the needs of the stakeholders. Pamphlets and materials will be distributed along with presentations from community based speakers to inform parents of services offered and how the community works with the schools.

Category: English/Language Arts

Research Cited: http://www.michigan.gov/documents/Final_Parent_Involvement_Fact_Sheet_14732_7.pdf

Tier: Tier 1

Activity - Educate Families Monthly on Reading and Writing Strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Families will be invited on a monthly basis to participate in games, listen to presenters, engage in dialogue with the teachers and staff, specialists and community organizations to help them educate their child. Schools: Academy for Business and Technology Elementary	Parent Involvement	Tier 1	Implement	09/05/2017	06/29/2018	\$11000	Title III, Title I Part A	School leader, instructional staff, instructional coach, Parent groups

Activity - Provide Professional Development for Staff to Make Connections with Parents (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The administrative team will plan for at least two professional development days on ways to increase parental involvement. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$1500	Title I Part A	School leader and instructional coach
---	-----------------------	--------	---------	------------	------------	--------	----------------	---------------------------------------

Strategy 6:

Elementary Additional Time and Assistance - Language support staff will provide additional time and assistance to ELL students who are achieving below grade level.

Category: English/Language Arts

Category: English/Language Arts

Research Cited: Making Content Comprehensible for English Learners (Echevarria et. al., 2004)

Tier: Tier 1

Activity - Integrated ESL with ELL Teacher and ELL Paraeducator (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Language support staff will provide a minimum of 100 minutes per week of language instruction that is both integrated and inclusive to the core along with additional sheltered instruction to ELL students who score at the Basic level on either the Fall W-APT screener or spring WIDA assessments. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$86000	Section 31a, Title III	ELL Teachers, ELL paraprofessional, Instructional Coach, Principal

Activity - After-School Tutoring for ELL Students (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will offer a free tutoring program for ELL students, focusing on language instruction to students who are reading below grade level. Tier 3 ELL students will have language acquisition as their primary focus. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$12210	Title III	Language Support Staff, Instructional Coach, Principal

Activity - Summer School ELL Program, Teacher (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will offer a free, five-week summer program for ELL students, focusing on improving language skills, especially for students who are reading below grade level. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	06/25/2018	08/10/2018	\$2775	Title III	ELL Language Teacher, support staff, Instructional Staff, Principal

District Improvement Plan

Academy for Business and Technology

Activity - Parent ELL Activity Night (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
An instructional and social gathering conducted by School Leader, Instructional Coach, and ELL teacher which will provide instructional materials to support student learning objectives and ELL Parent Instructional Support Materials, possibly including dictionaries to support English proficiency. We will also purchase materials and incentives for parent meetings. Schools: Academy for Business and Technology Elementary	Parent Involvement	Tier 1	Monitor	09/05/2017	06/29/2018	\$800	Title III, Title I Schoolwide	Administrators, Instructional Coach, ESL teachers, Instructional Staff

Strategy 7:

Elementary Alignment of Curriculum, Instruction, Assessment - Teachers will create, update and align curriculum in the web-based Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.

Category: English/Language Arts

Research Cited: Curriculum Crafter

Tier: Tier 1

Activity - Curriculum Crafter (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$1000	Title I Schoolwide	Instructional Staff, Instructional Coach, Principal

Activity - Naiku (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
-------------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Naiku has built-in professionally developed benchmark assessments for mathematics and reading aligned to the Common Core State Standards. The teachers will be able to use these assessments to benchmark their students at anytime for data driven decisions. Schools: Academy for Business and Technology Elementary	Direct Instruction, Technology	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Section 31a	Instructional Staff, Support Staff, Instructional Coach, School Leader
---	--------------------------------	--------	-----------	------------	------------	--------	-------------	--

Activity - Naiku Professional Development (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Title II Part A	Instructional Teachers, Support Staff, Instructional Coach, School Leader

Strategy 8:

Elementary Best Practice in Teaching Reading - Teachers will plan and provide reading lessons that include the use of non-linguistic representations of concepts (where possible), cooperative learning activities, and instructional best practices (such as effective questioning to extend thinking, cuing techniques, graphic organizers, and reading workshop).

Category: English/Language Arts

Research Cited: Classroom Instruction that Works 2nd Edition (Dean, et. al., 2012); Best Practice: Bringing Standards to Life in America's Schools (Zemelman et. al., 2012); Building a Reading Life (Calkins & Tolan, 2010); Pathways to the Common Core: Accelerating Achievement (Calkins et. al., 2012)

Tier: Tier 1

Activity - Teachers will incorporate Reading Workshop (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will incorporate a reading workshop and/or phonics (RLAC) program into their daily reading instruction in order to increase student achievement. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$500	Title I Schoolwide	Reading Specialist, Instructional Coach, Teachers, Principal

Activity - Informational Text Cross Curricular Integration (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Utilize our trade books and Science A-Z, Reading A-Z, Teacher's Studies Weekly and Scholastic News to integrate informational text into all other areas of instruction. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/01/2017	06/29/2018	\$800	Title I Schoolwide	Reading Specialist, Teachers, Instructional Coach, Principal
--	--------------------------	--------	---------	------------	------------	-------	--------------------	--

Activity - MDE School Improvement/Assessment Conference (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Instructional Coach will attend the conference to bring back interventions that are cross grade level and for all facets of instruction and support. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Implement	05/01/2018	07/31/2018	\$400	Title II Part A	Instructional Coach, Principal

Strategy 9:

Elementary Writing Workshop - The Writing Workshop will help to teach opinion, information and narrative writing with increasing complexity and sophistication. It will foster higher level thinking by providing opportunities to synthesize, analyze and critique writing samples.

Category: English/Language Arts

Research Cited: Pathways to the Common Core: Accelerating Achievement (Lucy Calkins, et. al.,2012); Best Practice. Today's Standards for Teaching & Learning in America's Schools, 4th Edition(Zemelman, et. al.,2012); Vocabulary Games for the Classroom (Carleton & Marzano, 2010); Classroom Instruction that Works:

Research-Based Strategies for Increasing Student Achievement, 2nd Edition (Dean, et. al., 2012)

Tier: Tier 1

Activity - The Craft of Writing (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers in all grades will help students learn the mechanics and the craft of writing through programs such as but not limited to WriteSteps program. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Teachers, Instructional Support, Instructional Coach, Principal

Activity - Writer of the Month (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The Academy will select a K-2/3-5 writer of the month focusing each month on a specific trait (e.g. voice, details, etc.) Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Reading Specialist, Classroom Teachers, Instructional Coach, Instructional Staff, Principal
--	--------------------------	--------	---------	------------	------------	-----	---------------------	---

Activity - Improve Spelling and Mechanics/Conventions (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide writing instruction on a weekly basis that allows students an opportunity to improve their spelling skills, as well as their mastery of writing mechanics/conventions across the curriculum. This will include resources like but not limited to Words I Use When I Write (K-2, 3-5), My Word Book (K) or Words Their Way. Schools: Academy for Business and Technology Elementary	Materials, Community Engagement	Tier 1	Implement	09/05/2017	06/29/2018	\$1950	Section 31a	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal

Strategy 10:

Elementary Incorporating Writing Lesson Programs - Teachers will incorporate writing lessons four (4) days per week (Example: WriteSteps)

Category: English/Language Arts

Research Cited: Pathways to the Common Core: Accelerating Achievement (Lucy Calkins, et. al.,2012); Best Practice. Today's Standards for Teaching & Learning in America's Schools, 4th Edition(Zemelman, et. al.,2012); Vocabulary Games for the Classroom (Carleton & Marzano, 2010); Classroom Instruction that Works:

Research-Based Strategies for Increasing Student Achievement, 2nd Edition (Dean, et. al., 2012)

Tier: Tier 1

Activity - Pre-Writing Activities (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will conduct and model various types of pre-writing activities (Listening, charting, webbing, clustering of raw ideas, drawing, group brainstorming, graphic organizer, etc.) Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Monitor	09/29/2017	06/29/2018	\$0	No Funding Required	Teachers, Instructional Support Staff, Instructional Coach, Principal

Activity - Teacher-Student Conferences (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Teachers and/or Para-professionals will conduct brief teacher student conferences regularly (weekly or bi-weekly) that include a focus on revising, editing, mechanics or grammar. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Teachers, Instructional Support Staff, Instructional Coach, Principal
---	--------------------	--------	---------	------------	------------	-----	---------------------	---

Strategy 11:

Reaching All Students (Elementary) - Reaching All Students - To decrease the achievement gap and improve educational outcome for students that are homeless or in foster care the school will provide transportation, breakfast/lunch, social work services, and if needed based on benchmark and academic grades, Response to Intervention and after school tutoring.
 Category: Learning Support Systems
 Research Cited: McKinney-Vento
 Tier: Tier 1

Activity - Monitoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The dropout prevention coordinator will keep records of the status of students and report to the homeless liaison if a student becomes homeless. Both will then monitor the students attendance, academics, and behavior and refer the student to the appropriate staff member if needed. Schools: Academy for Business and Technology Elementary	Academic Support Program, Recruitment and Retention	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$1000	Title I Schoolwide	School Leader, Dropout Prevention Coordinator, and Homeless Liaison.

Strategy 12:

Elementary Reaching All Students - To decrease the achievement gap and improve educational outcome for students that are homeless or in foster care the school will provide transportation, breakfast/lunch, social work services, and if needed based on benchmark and academic grades, Response to Intervention and after school tutoring.
 Category: Learning Support Systems
 Research Cited: McKinney-Vento Act
 Tier: Tier 1

Activity - Monitoring (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
------------------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The pupil accountant will keep records of the status of students and report to the homeless liaison if a student becomes homeless. Both will then monitor the student's attendance, academics, and behavior and refer the student to the appropriate staff member if needed. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	07/01/2017	06/30/2018	\$0	Title I Schoolwide	pupil accountant, school leader, social worker, instructional coach
---	--------------------	--------	-----------	------------	------------	-----	--------------------	---

Measurable Objective 2:

A 10% increase of Kindergarten, First, Second, Third, Fourth and Fifth grade Hispanic or Latino and English Learners students will demonstrate a proficiency appropriate to their grade level in Reading by 06/30/2018 as measured by the State assessment and Performance Series grade level benchmark assessment data..

Strategy 1:

Increase ELL's Mastery on Statewide and Local Assessments (elementary) - The ESL/ELL population will receive additional support to address the language and cultural barriers that exist that impede progress. Multiple data sources will be analyzed on a weekly to monthly basis to measure the effectiveness of research and evidence-based resources, strategies and programs. As a growing subgroup, there will be more of a focus on narrowing the gap with ESL and ELL students.

Category: English/Language Arts

Research Cited: Title III Handbook from TLG and Michigan Department of Education and research articles on ESL/ELL learners

Tier: Tier 2

Activity - Data Driven After School Program (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
ELL students will receive support with weekly small group instruction for skills of weakness derived for the WIDA, M-Step and Scantron testing with multiple evidence and research based strategies. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Implement	08/14/2017	06/29/2018	\$32210	Title III, Section 31a	Leader, instructional coach and instructional staff

Activity - Use of Technology (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Nooks will be used along with iPads, Chromebooks, laptops, and various site licenses such as Reading A to Z and MOby Max to engage learners and decrease the gap in achievement. STEM integration will also be used to integrate all content areas, increase problem solving strategies and increase technology use in all areas. Schools: Academy for Business and Technology Elementary	Technology	Tier 2	Implement	08/14/2017	06/29/2018	\$1110	Title III	Leader, instructional coach and instructional staff

Activity - Push-in and Pull-out Services through Rtl program (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

Instructional aides, 31a and Title I teachers will provide tiered interventions that promote language acquisition and other essential skills to reach mastery levels. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 3	Implement	09/05/2017	06/29/2018	\$192091	Title I Part A, Section 31a	School leader, instructional coach and instructional staff
--	--------------------------	--------	-----------	------------	------------	----------	-----------------------------	--

Measurable Objective 3:

A 10% increase of Kindergarten, First, Second, Third, Fourth and Fifth grade Black or African-American, Economically Disadvantaged and Students with Disabilities students will demonstrate a proficiency appropriate to their grade level in Reading by 06/30/2017 as measured by State assessment, Scantron Performance Series grade level benchmark assessment data, DRA and formative and summative from KC4 curriculum assessments.

Strategy 1:

Elementary Differentiated Instruction using Framework for Understanding Poverty - The administration and instructional staff will examine daily on a weekly to monthly basis with a strong emphasize and focus on economically disadvantaged students. Strategies and activities will be researched to ensure that the students receive more support in areas that they struggle with academically and socially. Formative, summative, the State assessment, Scantron and teacher made assessments will be measurements to monitor the success of the strategies and activities.

Category: English/Language Arts

Research Cited: Motivating and Preparing Black Youth for Success by Jawanza Kunjufu and Ruby Payne's Framework for Understanding Poverty

Tier: Tier 1

Activity - Purchase/Subscribe to National Geographic magazines, Comic books, Joke books and Sports Magazines (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will read informational texts that will create a desire in them to want to read more which will expand their knowledge and ability to comprehend. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$500	Title I Schoolwide	School leader, coach and instructional staff

Activity - Implementation of Literature Circles (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will engage with other learners to select a topic of interest and discuss with partners to display comprehension verbally and interact with others to create dialogue. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	School leader, coach and instructional staff

Activity - Promote Literacy Through Movement (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Economically disadvantaged students will engage in dramatic play, singing and drawing to create higher interest for various genres of literature. Schools: All Schools	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$1500	Title I Schoolwide	School leader, coach and instructional staff
---	--------------------	--------	---------	------------	------------	--------	--------------------	--

Strategy 2:

Elementary Targeted Instruction - Teachers will provide targeted reading instruction at each grade level for students performing below proficiency level and for low performing subgroups.

Category: English/Language Arts

Research Cited: Translating Research into Action (Marzano, et. al. 2003); Classroom Instruction that Works: Research-Based Strategies for Increasing Student Achievement, 2nd Edition (Dean, et. al., 2012); Best Practice: Bringing Standards to Life in America's Schools, 4th Edition (Zemelman et., al., 2012); Checking for Understanding (Fisher & Frey, 2007)

Tier: Tier 1

Activity - After School Tutoring (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will offer a free after-school tutoring program, focusing on improving reading skills to students who are reading below grade level, especially for low-achieving subgroups. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$20000	Title I Schoolwide	Principal, Instructional Coach, After School Tutors

Activity - Assistance for Struggling Readers (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers and Reading/Language Interventionists will assist struggling readers through targeted classroom interventions and guided reading pull-outs (focusing on fluency, decoding, and comprehension skills), utilizing educational technology to the maximum extent. (Resources include but are not limited to: copy paper to print books, RAZ Kids Subscription, Reading A-Z Subscription, Moby Max, and Tumblebooks) Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$5000	Title I Schoolwide	Principal, All Teachers, Reading Interventionist, Instructional Support Staff, Instructional Coach

Activity - Parent/Community Involvement (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

<p>The school will provide a variety of activities during the school year that incorporate the interaction between and with parents/community members in order to impact student reading proficiency. (This includes but is not limited to: Refreshments and Incentives for Annual Title I Night, Reading Night using Learning Gizmos, Reading Workshop for Parents)</p> <p>Students will perform community service such as reading to the animals at the Dearborn Animal Shelter and the senior citizens at Oakwood Commons in Dearborn throughout the school year for community service hours.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Parent Involvement	Tier 1	Monitor	09/05/2017	06/29/2018	\$1000	Title I Schoolwide	Literacy Committee, Reading Specialist/Interventionists, Instructional Coach, Principal
---	--------------------	--------	---------	------------	------------	--------	--------------------	---

Activity - Data Analysis (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The school will use MI School Data portal along with NWEA and gradebook data to assist in the analysis of student achievement and growth and to provide direction for change and revision of instructional practices. Inservice will be given to teachers on data analysis to track student progress.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	Title II Part A	Principal, Instructional Coach, All Teachers

Activity - Summer Specially Designed Program (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The school will offer a free five (5) week summer academic program focusing on improving reading skills for students who are below grade level along with science, technology and mathematics integration. Resources included, but not limited to STEM.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Academic Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$20000	Title I Schoolwide	Principal, Instructional Coach, Summer Program Instructors

Measurable Objective 4:

A 10% increase of Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a proficiency of 80% or higher in English Language Arts by 06/30/2018 as measured by NWEA, SAT, M-Step, and other formative and summative assessments..

Strategy 1:

MSSH Formative Assessment - . Formative assessments (evidence through resources, lesson plans, pre/post test, assessments, lesson delivery/activities, etc) is a big idea that

will assist us in the transformation. D.I. will be monitored to ensure all students are engaged and are making connections with subject matters on their readiness level and make connections to real life experiences through technology, hands-on activities, field trips, college tours, supplemental resources and research based best practices and strategies. We will use formative and summative assessments along with M-Step, SAT, NWEA, and online platforms to determine what resources/technology, personnel and programs need to be adapted to focus on the areas of concerns. Teachers will be given feedback and suggestions from

District Improvement Plan

Academy for Business and Technology

instructional coach, mentor, lead teachers and school leaders on the progress of formative assessments in the classroom and how the data speaks to the lesson delivery and content.

Category: English/Language Arts

Research Cited: The Impact of Formative Assessment and Learning Intentions on Student Achievement

<http://www.hanoverresearch.com/media/The-Impact-of-Formative-Assessment-and-Learning-Intentions-on-Student-Achievement.pdf>

Tier: Tier 1

Activity - Hands-On Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Formative assessment will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessment strategies. Common assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement learning stations. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards, the MAISA units, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$15700	Title I Schoolwide, Title I Part A	School leader, instructional coach, Title I staff and 31a staff, general education and special education staff
Activity - Staff Training on Formative Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year.</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1288	Title II Part A	School leader, instructional coach, support staff and general education teachers
Activity - MSHS Integrating Technology	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals.</p> <p>An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations. This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p> <p>Schools: Academy for Business and Technology High School</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$17074	Title I Schoolwide , Title I Schoolwide , Title I Schoolwide , Section 31a	Instructional staff, instructional coach, school leader
--	------------	--------	-----------	------------	------------	---------	--	---

Strategy 2:

Multi-Tiered Systems of Support - In order to identify and remediate student learning gaps/behaviors, the staff will implement the components and strategies of the Response to Intervention and positive behavior intervention support models. Students in tier I receive best practice instruction from the classroom teacher. Students in tiers II and III will receive additional assistance from intervention specialists.

PBIS will be implemented to improve the social and learning behaviors of students and decrease the disruptions that interfere with instruction. All staff will be trained on PBIS. A PBIS committee has been developed and meets monthly throughout the school year to ensure the program's effectiveness. A designated committee member

Activity - Staff Training on Formative Assessment Activity

Type

Tier Phase Begin Date End Date Resource

Assigned

Source Of

Funding

Staff

Responsible

e

The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up

District Improvement Plan

Academy for Business and Technology

observations will occur throughout the year.

Professiona

I Learning

Tier 1 Getting

Ready

08/21/2017 06/30/2018 \$1288 Title II Part

A

School

leader,

instructiona

I coach,

support

staff and

general

education

teachers

Activity - Integrating Technology Activity

Type

Tier Phase Begin Date End Date Resource

Assigned

Source Of

Funding

Staff

Responsibl

e

The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals.

An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow

District Improvement Plan

Academy for Business and Technology

students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.

Technology Tier 1 Implement 08/01/2017 06/30/2018 \$17000 Title I

Schoolwide

Instructional

1 staff,

instructional

1 coach,

school

leader

2017-2018 School Improvement Plan

Academy for Business and Technology High School

Academy for Business and Technology High School Page 4

© 2017 Advance Education, Inc. All rights reserved unless otherwise granted by written agreement.

will track data using the Log Entry and Discipline System and give monthly reports to the school improvement team (SIT).

Category: English/Language Arts

Research Cited: RTI Network, Wayne RESA and MDE documents

Tier: Tier 2

Activity - Effective Tier I Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

As a school, station-based learning will become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and stations. These include: activities, games, and manipulative materials (\$1259). Schools: Academy for Business and Technology High School	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1259	Title I Schoolwide	School leader, coach, general education and special education teachers
--	--------------------	--------	-----------	------------	------------	--------	--------------------	--

Activity - Planning with and use of Title I Paraprofessionals	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Progress monitoring of the assessment data will be used to move students within the tiers of the Rtl model. The Title I paraprofessional will provide targeted instruction. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$26762	Title I Part A	School leader, instructional coach, Title I support staff

Activity - Effective Tier II and Tier III Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$). Schools: Academy for Business and Technology High School	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$20246	Title I Schoolwide, Section 31a, Title I Schoolwide, Title I Schoolwide	Leader, coach and instructional staff

Activity - Staff Training on the Rtl Model	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758). Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1200	Title I Part A	School leader and instructional coach

District Improvement Plan

Academy for Business and Technology

Activity - After School and Summer School Tutoring/credit recovery	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$42000	Title I Part A, Section 31a	School leader, instructional coach and instructional staff
Activity - ELA Coach	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
An ELA coach will be contracted to provide job-embedded professional development to teachers in best practices for ELA instruction. This will be done through the use of instructional learning cycles. The ELA coach will meet with teachers during staff and grade level meetings to discuss depth of knowledge, common assessments and highly effective teaching strategies. The ELA coach will observe instruction in the classroom to guide the processes and provide feedback to impact student learning. Schools: All Schools	Academic Support Program	Tier 2	Implement	08/21/2017	06/30/2018	\$15914	Title I Part A	Instructional staff, interventionist
Activity - Tier I - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Instructional staff will understand class differences and strategies for effective tier 1 instruction. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$550	Title I Part A	School leader, instructional coach, instructional staff
Activity - Monitoring Student Behavior and Support of Expectation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$89128	Title I Part A, Section 31a, Section 31a	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Schools: Academy for Business and Technology High School								

Activity - Preparing Students for College and Career Readiness	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A guidance counselor will assist students with college preparation and provide them with information regarding career readiness.	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30372	Section 31a	School leader, dropout prevention specialist and guidance counselor
Schools: All Schools								

Activity - Professional Development for Motivating High School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$1100	Title I Schoolwide	School leader, instructional coach, instructional staff
Schools: Academy for Business and Technology High School								

Strategy 3:

MSHS Data Driven Decision Making - In order to facilitate the achievement of all students, the Academy for Business and Technology is committed to data driven instruction. The staff will implement a systematic ongoing process of continuous improvement by interpreting data, identifying the causality of learning difficulties, and determining how to best use the data to identify the instructional strategies to obtain the goal of 80% proficiency. The data sources utilized will include: formative and

SY 2016-2017

Page 33

District Improvement Plan

Academy for Business and Technology

summative assessments, perception data, and standardized tests. This information will allow the making of informed decisions concerning both advanced students and students who need remediation. Teachers will progress monitor students using pre- and post-tests, and a student achievement data tracker to progress monitor student performance. The data team leader will help to facilitate and monitor the progress of student performance. The data team will do the following:

- Make data discussion a function of the grade level data teams to analyze data in departments, content-area, and school-wide
- Design Data Walls
- Communicate Standardized Testing results to staff in a timely manner to drive instruction and students & parents to inform families of individual growth.
- Consistent use of formative and summative assessments

Category: English/Language Arts

Research Cited: Bambrick-Santoyo, P. (2010). *Driven By Data: A Practical Guide to Improve Instruction*. San Francisco, CA: John Wiley & Sons Inc. The Learning and Learning Center. (2010). *Data Teams Training Manual*, 3rd Edition, Englewood, CO. Lead + Learn Press.

Tier: Tier 1

Activity - Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance.</p> <p>Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding.</p> <p>The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach.</p> <p>As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p> <p>Schools: Academy for Business and Technology High School</p>	Teacher Collaboration	Tier 1	Monitor	09/05/2016	06/30/2017	\$0	No Funding Required	School Leader, Instructional Coach, Test Administrator, Teacher, & Support Staff
--	-----------------------	--------	---------	------------	------------	-----	---------------------	--

Activity - Data Analysis Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include but not limited to attendance at the MDE/AdvanceEd school improvement conferences (\$139).</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$570	Title II Part A, Title II Part A	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

Activity - Teaching the Common Core State Standards	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100).</p> <p>The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$15928	Title I Schoolwide , Title I Schoolwide	Instructional coach, instructional staff, school leader
Activity - Common Core Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

<p>The staff will receive training on how to implementation of the common core state standards(\$160) and on how vertically align the curriculum(\$575). Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The ELA staff will select a professional text, covering best practice instruction in English language arts. This text will serve as a professional learning community for the English community (\$66).</p>	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$1900	Title II Part A, Title II Part A, Title II Part A	Instructional coach, instructional staff, school leader
Schools: Academy for Business and Technology High School								

Activity - Content Area Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will be accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. The ELA department would like to purchase online database subscriptions for academic journals. This will benefit students as they conduct research projects (\$300). Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials. (\$1200)</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$5100	Title I Schoolwide, Title I Schoolwide, Title I Schoolwide, Title I Schoolwide	Instructional staff, instructional coach, school leader
Schools: Academy for Business and Technology High School								

Activity - Administration Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$4500	Title II Part A	Administration
Schools: Academy for Business and Technology High School								

Strategy 4:

Revise the Full Inclusion Special Education Program - The special education team will work collaboratively with the general education teachers to increase the academic success of all special education students.

Category: Learning Support Systems

Research Cited: Issues Facing the Field of Learning Disabilities. Learning Disability Quarterly. February 1, 2000: 37-50.

Tier:

Activity - Special Education and General Education Collaboration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process, Academic Support Program		Implement	08/21/2017	06/30/2018	\$0	No Funding Required	School leader, instructional coach, teachers and support staff
Schools: Academy for Business and Technology High School								

Activity - Use of Special Education Support Staff	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The paraprofessionals will have an increase in classroom support built into their schedule (\$30,000) Schools: Academy for Business and Technology High School	Academic Support Program		Implement	09/05/2017	06/30/2018	\$30000	Special Education	School leader, instructional coach, general education and special education staff
---	--------------------------	--	-----------	------------	------------	---------	-------------------	---

Activity - Professional Development on Inclusion in Middle and High School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All staff will receive inclusion professional development throughout the school year (on-site or off-site.) Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$500	Title I Schoolwide	School leader, instructional coach, general and special education staff

Activity - Academic Lab	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulative materials, technology and supplies. Schools: Academy for Business and Technology High School	Academic Support Program		Getting Ready	09/05/2017	06/30/2018	\$600	Special Education	School leader, special education teaching staff

Strategy 5:

MSHS Alignment of curriculum, instruction, and assessment - It will also drive instruction by providing a link between content standards and student achievement, allowing for targeted interventions and support for all Tier levels.

Category: English/Language Arts

Tier: Tier 1

District Improvement Plan

Academy for Business and Technology

Activity - MSHS Curriculum Instruction and Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards). Schools: Academy for Business and Technology High School	Curriculum Development, Technology	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$1500	Title I Schoolwide	School leader, instructional coach, instructional staff

Activity - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have a better student growth. Schools: Academy for Business and Technology High School	Curriculum Development, Technology, Academic Support Program	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1000	Title II Part A	Instructional Coach

Strategy 6:

Planning, Implementing, Monitoring, and Evaluating of MSHS Improvement Strategies - Assisting in the planning, implementing, monitoring, and evaluating of school-wide improvement strategies.

Category: English/Language Arts

Tier: Tier 1

Activity - School Improvement Coach - MSHS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school improvement coach will provide assistance to the academy's School Improvement team in planning, implementing, monitoring, and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs. The coach will promote a knowledge base of effective strategies, assist in on-site professional learning, and participate in on-going and extensive professional development. Schools: Academy for Business and Technology High School	Policy and Process	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	Title I Schoolwide	School improvement team

Strategy 7:

MSHS Reaching All Students - To decrease the achievement gap and improve educational outcome for students that are homeless or in foster care the school will provide transportation, breakfast/lunch, social work services, and if needed based on benchmark and academic grades, Response to Intervention and after school

District Improvement Plan

Academy for Business and Technology

tutoring.

Category: Learning Support Systems

Research Cited: McKinney-Vento

Tier: Tier 1

Activity - Monitoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The dropout prevention coordinator will keep records of the status of all students and report to the homeless liaison if a student becomes homeless. Both will then monitor the student's attendance, academics, and behavior and refer the student to the appropriate staff member if needed. Schools: Academy for Business and Technology High School	Academic Support Program, Recruitment and Retention	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	Title I Schoolwide, Title I Schoolwide	School Leader, Dropout Prevention Coordinator, and Homeless Liaison.

Measurable Objective 5:

A 10% increase of Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade Students with Disabilities students will demonstrate a proficiency on the 2017-2018 state assessment in English Language Arts by 06/30/2018 as measured by M-Step, SAT/MME, other state assessments, NWEA, and other formative and summative assessments.

Strategy 1:

Clear learning objectives for all MSHS students - Setting clear learning objectives for all students, including special education students

Category: English/Language Arts

Research Cited: Marzano's high yield strategies

Tier:

Activity - Collaboration between Special Education Teachers and MSHS General Education Staff	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.</p> <p>Schools: Academy for Business and Technology High School</p>	<p>Academic Support Program</p>		<p>Getting Ready</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>Title I Schoolwide</p>	<p>Special education and general education staff</p>
--	---------------------------------	--	----------------------	-------------------	-------------------	------------	---------------------------	--

Goal 2: All students K-12 in The Academy for Business and Technology District will become proficient in Mathematics.

Measurable Objective 1:

A 10% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult, Ungraded and All grade Black or African-American, Asian, Bottom 25%, Bottom 30%, White, Economically Disadvantaged, Free/Reduced Lunch, Gifted and Talented, Hispanic or Latino, Improvement from 10th to 12th Grade, Improvement from 8th to 10th Grade, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander and Top 75% students will demonstrate a proficiency appropriate to their grade level in Mathematics by 06/30/2018 as measured by the State assessments, KC4 and mathematics assessment data, NWEA benchmark assessment data, and computer program progress data (Moby Max, NWEA, and Common Core Mathematics Assessments).

Strategy 1:

Data Driven Daily Differentiated Instruction (elementary) - Teachers will provide instruction that is appropriately and effectively differentiated to address the needs of students most at risk of failing to achieve the state's standards.

Category: Mathematics

Research Cited: Classroom Instruction that Works, 2nd Ed. (Dean, et. al., 2012)

Leading Schools in a Data-Rich World (Earl & Katz, 2006); Using Data to Improve Student Achievement (Wahlstrom, 2002); Classroom Instruction That Works, 2nd Ed. (Dean, et. al., 2012); Essentials of Evidence-Based Academic Interventions (Wendling & Mather, 2009); How to Teach Thinking Skills Within the Common Core (Bellanca, et.al., 2012).

Tier: Tier 1

Activity - Use of Evidence Based Strategies to Support D.I. (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

After implicit lesson planning from the teacher to reach the needs of the learners, the students will demonstrate understanding of concepts through use of various manipulatives, technology and the integration of literature with math to make connections to real life. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$3000	Title I Schoolwide	School leader, instructional coach and instructional staff
Activity - Use of Technology to Support Math Skills	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use software progress monitoring tools to assess levels of learning and for review and daily practice. Teachers will also use Smartboard, laptops, Chromebooks and iPads to engage learners in ways to compute and reasoning in relationship to mathematical concepts. Schools: Academy for Business and Technology Elementary	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$10000	Title I Part A	School leader, instructional staff and instructional coach
Activity - Utilize manipulative (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will purchase mathematics manipulatives to aide teachers and instructional support staff at all grade levels in the mastery of mathematical concepts. For example, but not limited to flash cards, rulers, measuring instruments, calculators, etc. Schools: Academy for Business and Technology Elementary	Supplemental Materials	Tier 1	Monitor	09/05/2017	06/29/2018	\$5750	Section 31a, Title I Part A	school leader, coach and administration
Activity - Special Education Support and Co-planning (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
General education staff and special education will work collaboratively to meet the needs of students on a daily and weekly basis to design effective lesson planning to elevate scores and increase mastery on statewide and local assessments. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 3	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	School leader, Coach and instructional staff
Activity - Student Data Folders and Electronic Snapshots (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

All staff members will be trained on accessing data and reports for the student data folders. All instructional staff will be trained on instructional goal setting for students using benchmark results. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$0	No Funding Required	Instructional Coach, Teachers, Paraprofessionals, Principal
--	-----------------------	--------	---------	------------	------------	-----	---------------------	---

Activity - Best practices for teaching mathematics (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All teachers and instructional staff will demonstrate an understanding of and will utilize the most effective research based practices for teaching mathematics and increasing student achievement. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	All Teachers, Instructional Staff, Instructional Coach, Principal

Activity - Grade Level Meetings (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Grade level teachers will meet weekly during their common planning time with an administrator to focus and collaborate about instructional best practices and review current data to make informed decisions in the classroom. Schools: Academy for Business and Technology Elementary	Teacher Collaboration	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	All teachers, Instructional Support Staff, Instructional Coach, Principal

Activity - Three-Phase Teaching Model (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained and be required to use the Three Phase Teaching Model. This model suggests that in the first phase teachers are required to explicitly teach a lesson. In the second phase, teachers use cooperative groups or paired partnerships for the students to practice the skills they are required to learn. In the third phase, students work independently with less guided practice to successfully master a cross curricular performance task. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	All Teachers, Instructional Coach, Principal

Activity - Peer Observation (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

The Academy will provide opportunities for teachers to conduct peer observations of effective mathematics instruction both inside and outside of the school at least once annually. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Title II Part A	Teachers, Instructional Coach, Principal
Activity - After School Tutoring (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will offer a free after school tutoring program two (2) days a week, focusing on improving mathematics skills for students that are below grade level. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$18002	Title I Schoolwide	Teachers, Tutors, Instructional Coach, Principal
Activity - After School ELL Tutoring (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will offer a free, after school tutoring program two (2) days a week, focusing on improving mathematics skills for ELL students who are below grade level. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$10000	Title III	Teachers, Tutors, Paraprofessionals, Instructional Coach, Principal
Activity - Instructional Coach (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Instructional Coach will work with teachers on improving classroom instruction, data analysis, lesson planning and implementation in order to improve classroom achievement. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	07/01/2017	06/30/2018	\$75280	Title I Schoolwide	Principal, Instructional Coach
Activity - Leadership Growth/Professional Development (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
School Leader and Instructional Coach will participate in professional development activities that help to improve teaching and learning. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	08/14/2017	07/13/2018	\$4200	Title II Part A	Instructional Coach, Principal
Activity - School Data Analysis (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

Data teams will use a variety of data sources to analyze and assist in monitoring student/school progress. Paper is needed for analyzing. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Title I Schoolwide	Teachers, Instructional Staff, Instructional Coach, Principal
Activity - Summer Specially Designed Program (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will offer a free summer academic specially designed program focusing on improving mathematics skills for students who are below grade level through science, technology, and mathematics integration. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$21000	Section 31a	Instructional Coach, Principal
Activity - Intervention Mathematics Teacher (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school will employ an intervention mathematics teacher to work with students who are below grade level in mathematics and who are at-risk of failure based on NWEA and any state assessments. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$29581	Title I Schoolwide	Instructional Support Staff, Instructional Coach, Principal
Activity - ELL Small Group Instruction (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Monitoring of comprehension for ELL students at all levels of proficiency; to support meaningful access to curriculum, including reinforcement of Mathematics terminology, operations and concepts. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/01/2017	06/29/2018	\$0	No Funding Required	Classroom Teachers, Instructional Support Staff
Activity - Professional Development-PLC Books (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Academy will utilize several PLC book reads that will focus on various research based topics, such as but not limited to guided reading groups, data analysis, closed reading, etc. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Implement	08/14/2017	06/29/2018	\$1200	Title I Schoolwide	All Instructional Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Activity - Instructional Learning Cycles (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All teachers and instructional staff will analyze their student's data (NWEA or Unit Assessments) and complete an item analysis to identify standards/items that most students struggle with (priority standard). The teachers and instructional staff will create an action plan for re-teaching the identified priority standard. The teachers will track student growth. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	08/14/2017	06/29/2018	\$0	No Funding Required	All teachers, instructional staff, Instructional Coach, Principal

Strategy 2:

Elementary Increase Use of Real Life Application in Math - Instructional staff will explicitly design effective lessons that will increase students' understanding of why math is being taught and the relevance to everyday life. These techniques and materials will be documented in lesson plans, mapping and pacing guides as well. The coach and leader will monitor the strategies used to make connections to text, themselves and other content areas.

Category: Mathematics

Research Cited: <http://www.nmefoundation.org/getmedia/756940b9-a437-4ddf-98e0-4fe86c80cf64/Students-and-Mathematics-Students-at-the-Center>

Tier: Tier 1

Activity - Incorporate Math and Literacy Kits into Weekly Math lessons (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will help students make the connection to math and everyday life when integrating weekly lessons with math (number and operations, geometry, time, money, problem solving, algebra, etc) with various genres of literature through our STEM program and in the general education Tier I classes. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$4000	Title I Schoolwide	School leader, instructional coach and staff

Activity - Use More Math Academic Vocabulary (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The instructional staff will promote the use of academic vocabulary with test taking skills and problem solving when teaching the common core. Daily review and introduction of academic vocabulary will be a component of each lesson and monitored during walkthroughs to assist teachers with modeling of lessons and ensure students are being exposed to the vocabulary. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$850	Title I Schoolwide, Section 31a	School leader, coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Strategy 3:

Elementary Implementation of the Common Core Standards - Teachers and along with all instructional staff members will implement common core standards and assess students formatively to assure that the students are grasping content.

Category: Mathematics

Research Cited: How to Teach Thinking Skills within the Common Core (Bellanca, et. al., 2012)

Tier: Tier 1

Activity - Professional Development on Common Core Standards (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff members will participate in a professional development on common core state standards. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	Title II Part A	How to Teach Thinking Skills within the Common Core (Bellanca, et. al., 2012)

Strategy 4:

Elementary Effective Implementation of Response to Intervention Program - Both campuses will implement the Rtl process with fidelity while using data to provide small group tiered instruction while analyzing data on a consistent and regular basis. Staff will be trained on the process the success it has on academic progression. Daily time will be set aside for at least an hour for support for students whose academic data showed areas of below expected performance of level. Support staff will utilized and trained as well on the Rtl model and provide supplemental support for students and working with general and special education.

Category: Mathematics

Research Cited: Rtl Network

Tier: Tier 2

Activity - Use of Instructional Aides (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessional/Instructional aides from Title I and 31a will provide targeted interventions for students. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$267000	Title I Schoolwide, Section 31a	School leader, coach, instructional staff
Activity - Implementation Support from Instructional Coach (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

Title I instructional coach will support and monitor effective implementation of the Response to Intervention/Positive Behavior Intervention Support through classroom observations and feedback, modeling, and mini-lessons or workshops. Schools: All Schools	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$30000	Title I Part A	school leader, instructional coach
--	-----------------------	--------	-----------	------------	------------	---------	----------------	------------------------------------

Activity - School Leader and Instructional Coach professional development (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Research confirms that strong leadership with support for instruction is the second most influential factor for improving schools. In order to sharpen leadership skills that support proper implementation of strategies for school improvement, the school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. These practices will center around: establishing high expectations for all, create a climate that is conducive to learning, cultivate leadership in others, improve instruction, and manage people, data, and processes. Schools: All Schools	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$10000	Title II Part A	school leader, instructional coach

Strategy 5:

Elementary Alignment of curriculum, instruction, and assessment - It will drive instruction by providing a link between content standards and student achievement, allowing for

targeted interventions and support for students in all Tier levels. Teachers will create, update and align curriculum in the web-based Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.

Category: Mathematics

Research Cited: Research Cited: <http://www.naiku.net/category/we-are-naiku/>

Tier: Tier 1

Activity - Naiku (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards, Michigan Science Standards, and Social Studies Standards). Schools: Academy for Business and Technology Elementary	Direct Instruction, Technology	Tier 1	Implement	09/05/2017	06/29/2018	\$700	Section 31a	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Activity - Curriculum Crafter (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$850	Title I Schoolwide	Instructional Staff, Instructional Coach, Principal

Activity - Naiku Professional Development (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Title II Part A	Instructional Staff, Support Staff, Instructional Coach, School Leader

Strategy 6:

Elementary Technology Integration - Through the use of technology teachers will provide instruction that focuses on basic mathematics skills, vocabulary, computational fluency, problem solving and process strategies.

Category: Mathematics

Research Cited: Best Practice, Today's Standards for Teaching & Learning in America's Schools, 4th Edition (Zemelman, et. al., 2012); The Art and Science of Teaching (Marzano, 2007); Literacy Strategies for Improving mathematics Instruction (Kenney, et. al., 2005); Classroom Instruction that Works: Research-based Strategies for Increasing Student Achievement, 2nd Edition (Dean, et. al., 2012); How to Teach Thinking Skills within the Common Core (Bellanca, et. al., 2012)

Tier: Tier 1

Activity - Computer Applications (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use computer software programs to practice computational skills (including programs for ELL students) on a weekly basis. The software packages utilized include items like but not limited to Brain POP & Brain POP Jr., Reading A-Z and Science A-Z, iXL, etc. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$9000	Title I Schoolwide	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Activity - Daily Practice of Basic Mathematics Skills (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide opportunities for students to take part in daily interactive practice of basic mathematics skills appropriate for each level using the Promethean resource packs, such as but not limited to Promethean Planet. Updating Promethean products such as but not limited to cleaning and maintenance protects, projectors, speakers, bulbs, cords, etc. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	Title I Schoolwide	Classroom Teachers, paraprofessionals
Activity - enVision MATH (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers and instructional support staff will use enVision MATH to develop computational fluency, algebraic thinking, problem solving and analyzing fraction concepts. This supplemental program offers technology interactive integration along with manipulative kits that offers a more hands-on approach to supplement our mathematics curriculum. (online component and teacher/student resources). Also includes kits for differentiated centers to offer additional support in mathematics through D.I. pre-planned centers. Purchase consumables annually. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$10000	Title I Schoolwide	Teachers, Instructional Staff, Instructional Coach, Principal
Activity - Classroom Computer Lab (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A classroom teacher will integrate all core content areas of instruction using technology for each grade level at minimum once weekly. Each classroom will have a wall mounted and security charging station for laptops. Schools: Academy for Business and Technology Elementary	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$28600	Title I Schoolwide, Section 31a	Technology Teacher, Classroom Teacher, Instructional Coach, Principal
Activity - Instructional Best Practice (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To ensure effective integration of technology, iPads or Chromebooks will be available for classroom activities as needed by teachers. Students will have access to the school computer lab, laptop cart, desktops in classrooms, and the iPad or Chromebook carts as needed by teachers. In addition, printers and ink will be needed. Schools: Academy for Business and Technology Elementary	Technology	Tier 1		09/05/2017	06/29/2018	\$20000	Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Strategy 7:

Elementary Writing Across the Curriculum - The Academy for Business & Technology Elementary School will be utilizing technology, constructed response questions, problem solving and journals to embed writing into mathematics.

Category: Mathematics

Research Cited: Best Practices Bringing Standards to Life in America's Schools (Zemelman et. al.,2012); Literacy Strategies for Improving Mathematics Instruction (Kenney et.al., 2005); Classroom Instruction that Works: Research-based Strategies for Increasing Student Achievement (Dear et. al., 2012)

Tier: Tier 1

Activity - Mathematics Vocabulary (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will increase use and emphasis of mathematics vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and NWEA. Teachers will be required to keep a mathematics word wall with current vocabulary necessary for their current topic. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Teachers, Instructional Coach, Principal

Activity - Writing Sample Submission (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will assign a mathematics constructed response question to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Teachers, Instructional Coach, Principal

Measurable Objective 2:

A 10% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult, Ungraded and All grade Black or African-American, Asian, Bottom 25%, Bottom 30%, White, Economically Disadvantaged, Free/Reduced Lunch, Gifted and Talented, Hispanic or Latino, Improvement from 10th to 12th Grade, Improvement from 8th to 10th Grade, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander and Top 75% students will demonstrate a behavior appropriate to their grade level in Mathematics by 06/30/2018 as measured by State Assessment, NWEA, Study Island, Glory Math and formative and summative assessments from KC4 curriculum assessments, Common Core Math assessments, and assessments from Moby Max..

Strategy 1:

Elementary Increase Mastery in Special Education Subgroup - Special Education students will receive a quality education that will address their needs and will be taught math using numerous strategies to address their IEP goals and help strengthen their areas of weaknesses. The Gen Ed team will work closely with the Spec Ed team to monitor student achievement and determine other avenues to reach the students. There will be support given to teachers by the coach, special education team and consultants to ensure the instructional staff is teaching research and evidence based methods with fidelity to improve instruction.

District Improvement Plan

Academy for Business and Technology

Category: Mathematics

Research Cited: <http://www.mathlanding.org/content/assisting-students-struggling-mathematics-response-int> and

<http://www.centeroninstruction.org/files/Mathematics%20Instruction%20LD%20Guide%20for%20Teachers.pdf>

Tier: Tier 3

Activity - Encourage Visual Representation of Math Problem (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Visual representations (drawings, graphic representations) will be used intuitively by teachers to explain and clarify problems and by students to understand and simplify problems. When used systematically, visuals have positive benefits on students' mathematics performance. During daily lessons, students will extend their thinking skills by displaying comprehension of material taught. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Coach, leader and instructional staff
Activity - Support students in verbalizing decisions and solutions (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Encouraging students to verbalize, or think-aloud, their decisions and solutions to a math problem is an essential aspect when scaffolding instruction. Teachers will document and plan for this strategy in their lessons for students. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	School leader, coach and instructional staff
Activity - Deliver Effective Instruction at all tiers (1, 2 and 3) (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The instructional staff will plan for more explicit Tier 1 instruction, with an emphasis on primary prevention, requiring teachers to provide evidence-based instruction to all students. Tier 2 focuses on supplemental instruction that provides differentiated instruction to meet the learning needs of students. Tier 3 emphasizes individualized intensive instruction. The ultimate goal of the RtI model is to reduce the number of students in successive tiers and the number of students receiving intensive instruction. The groundwork for the success of this model is the effectiveness of the instruction provided in Tier 1. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 2	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	School leader, coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Activity - Provide peer-assisted instruction to students (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students with LD sometimes receive some type of peer assistance or one-on-one tutoring in areas in which they need help. The more traditional type of peer-assisted instruction is cross-age, where a student in a higher grade functions primarily as the tutor for a student in a lower grade. In the newer within-classroom approach, two students in the same grade tutor each other. In many cases, a higher performing student is strategically placed with a lower performing student but typically both students work in both roles: tutor (provides the tutoring) and tutee (receives the tutoring). Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	School leader, coach and instructional staff

Measurable Objective 3:

A 10% increase of Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a proficiency 80% or higher in Mathematics by 06/30/2018 as measured by M-Step, SAT, NWEA, and other formative and summative assessments.

Strategy 1:

Data Driven Decision Making - In order to facilitate the achievement of all students, the Academy for Business and Technology is committed to data driven instruction. The staff will implement a systematic ongoing process of continuous improvement by interpreting data, identifying the causality of learning difficulties, and determining how to best use the data to identify the instructional strategies to obtain the goal of 80% proficiency. The data sources utilized will include: formative and summative assessments, perception data, and standardized tests. This information will allow the making of informed decisions concerning both advanced students and students who need remediation. Teachers will progress monitor students using pre- and post-tests, and a student achievement data tracker to progress monitor student performance. The data team leader will help to facilitate and monitor the progress of student performance. The data team will do the following:

- Make data discussion a function of the departments to analyze data by grade level, content area, and school-wide
- Design Data Walls
- Communicate Standardized Testing results to staff in a timely manner to drive instruction and students & parents to inform families of individual growth.
- Consistent use of formative and summative assessments

Category: Mathematics

Research Cited: Bambrick-Santoyo, P. (2010). Driven By Data: A Practical Guide to Improve Instruction. San Francisco, CA: John Wiley & Sons Inc. The Learning and Learning Center. (2010). Data Teams Training Manual, 3rd Edition, Englewood, CO. Lead + Learn Press.

Tier: Tier 1

Activity - Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, summative assessments, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p> <p>Schools: Academy for Business and Technology High School</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Evaluate</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>No Funding Required</p>	<p>Math department, instructional coach, school leader, support staff</p>
--	------------------------------	---------------	-----------------	-------------------	-------------------	------------	----------------------------	---

Activity - Data Analysis Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include but not limited to attendance at the MDE/AdvanEd school improvement conferences. (\$139)</p> <p>Schools: Academy for Business and Technology High School</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Monitor</p>	<p>08/21/2017</p>	<p>06/30/2018</p>	<p>\$570</p>	<p>Title II Part A, Title II Part A</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>

District Improvement Plan

Academy for Business and Technology

Activity - Teaching the Common Core State Standards	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100).</p> <p>The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$15928	Title I School Improvement (ISI), Title I Schoolwide	Instructional Staff, Instructional coach, School Leader
Activity - Common Core Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The mathematics staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community (\$66).	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$226	Title II Part A	Instructional staff, Instructional Coach, School Leader
Schools: Academy for Business and Technology High School								

Activity - Content Area Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Magazine subscriptions will be purchased for all-content areas to help implement this activity. A high school test prep class is in place to prepare sophomores and juniors for the state assessment in April.	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$6200	Title I Schoolwide, Title I Schoolwide	Instructional staff, Instructional Coach, School Leader
Schools: Academy for Business and Technology High School								

Activity - MSHS Math Coach	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Math coach will be contracted to provide job-embedded professional development to teachers in best practices for mathematics instruction. This will be done through the use of instructional learning cycles. The Math coach will meet with teachers during staff and grade level meetings to discuss depth of knowledge, common assessments and highly effective teaching strategies. Math coach will observe instruction in the classroom to guide the processes and provide feedback to impact student learning.	Curriculum Development, Walkthrough, Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$15914	Title I Schoolwide	School Leader, Instructional Coach
Schools: Academy for Business and Technology High School								

District Improvement Plan

Academy for Business and Technology

Activity - Administration Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations for all, create a climate that is conducive to learning, cultivate leadership in others, improve instruction, and manage people, data, and processes. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$4500	Title I Schoolwide, Title I Schoolwide	Administration

Strategy 2:

Formative Assessment - Formative assessments (evidence through resources, lesson plans, pre/post test, assessments, lesson delivery/activities, etc) is a big idea that

will assist us in the transformation. Formative assessment will be monitored to ensure all students are engaged and are making connections with subject matters on their readiness level

and make connections to real life experiences through technology, hands-on activities, field trips, college tours, supplemental resources and research based best practices and strategies. We will use formative and summative assessments along with M-Step, SAT, NWEA, and online platforms to determine what resources/technology, personnel and programs need to be adapted to focus on the areas of concerns. Teachers will be given feedback and suggestions from instructional coach, mentor, lead teachers and school leaders on the progress of formative assessments in the classroom and how the data speaks to the lesson delivery and content.

Category: Mathematics

Research Cited: Carol Tomilson "Mixed Ability Grouping in the Classroom and Differentiated Instruction"

Tier: Tier 1

Activity - Discovery Learning and Read World Application	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>Time will be devoted in every math classroom for student discovery of math concepts and real-world applications. Every math unit will incorporate time for student discovery. Teachers will need manipulatives, measuring tools, and technology to give students opportunities to experiment with, and make conclusions about, math facts and concepts (\$4865). Math teachers will incorporate real-world applications into every math unit. The math department and instructional coach will meet every month to determine the effectiveness of the use of discovery and real-life applications in their math classes. Effectiveness will be determined by results of daily problem, discussions with support staff and summative chapter assessments. Results will be shared with the school leader. STEM classes are geared to increase the students' interest in science, technology, engineering, and math. The classes are hands-on to show students how technology is used in engineering to solve everyday problems. Students will learn and apply design process, acquire strong teamwork and communication proficiency, and develop organizational, critical thinking, and problem-solving skills. Focus is on teaching students to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The STEM classes will require supplies in order to create hands-on learning opportunities (\$655).</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1		09/05/2017	06/30/2018	\$5520	Title I Schoolwide	Instructional Staff, Instructional coach, School Leader
---	--------------------	--------	--	------------	------------	--------	--------------------	---

Activity - Staff Training on Formative Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year.</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1288	Title II Part A	Instructional staff, Instructional Coach, School Leader

Activity - MSHS Integrating Technology	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals.</p> <p>An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations. This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p> <p>Schools: Academy for Business and Technology High School</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$19241	Title I Schoolwide, Title I Schoolwide, Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader
--	------------	--------	-----------	------------	------------	---------	--	---

Strategy 3:

Multi-Tiered Systems of Support - In order to identify and remediate student learning gaps/behaviors, the staff will implement the components and strategies of the Response to Intervention and positive behavior intervention support models. Students in tier I receive best practice instruction from the classroom teacher. Students in tiers II and III will receive additional assistance from intervention specialists.

PBIS will be implemented to improve the social and learning behaviors of students and decrease the disruptions that interfere with instruction. All staff will be trained on PBIS. A PBIS committee has been developed and meets monthly throughout the school year to ensure the program's effectiveness. A designated committee member will track data using the Log Entry and Discipline System and give monthly reports to the school improvement team (SIT).

Category: Learning Support Systems

Research Cited: RTI Network, Wayne RESA & MDE documents

Tier: Tier 1

Activity - Effective Tier I Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

As a school, student-centered teaching for learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon and Engaged NY for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and learning centers. These include: activities, games, and manipulative materials. Using summative assessments, formative assessments, benchmark data, and online assessment programs the mathematics department will create a list of skills that each student has a deficit in and in conjunction with the Common Core State Standards focus on these.	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1832	Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader
Schools: Academy for Business and Technology High School								

Activity - Staff Training on the Rtl Model	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$938	Title II Part A	Instructional Staff, Instructional Coach, School Leader
Schools: Academy for Business and Technology High School								

Activity - After School and Summer School Tutoring/Credit Recovery	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school/credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$1955	Title I Schoolwide, Title I Schoolwide, Title I Schoolwide	Instructional Staff, Interventionist, Instructional Coach, School Leader
Schools: Academy for Business and Technology High School								

Activity - Planning with and use of Title I Paraprofessional	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
An interventionist will use the data gathered by the Rtl team to target and assist with individual student needs. Grouping will be flexible. The interventionist will assist students will additional materials needed to address learning gaps. The students' progress will be monitored and reported back to the classroom teachers and the Rtl team.	Academic Support Program	Tier 1		08/21/2017	06/30/2018	\$35700	Title I Schoolwide	Intervention aide, Instructional Coach, School Leader
Schools: Academy for Business and Technology High School								

District Improvement Plan

Academy for Business and Technology

Activity - Effective Tier II and Tier III Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$).</p> <p>A basic math course is in place for tier II and tier III students. Students will be chosen from the newly enrolled ABT high school students who score in the lowest 25% of their respective class on the NWEA, a nationally-normed test. By using the data from the NWEA results, staff will be able to identify students who need more instruction, presented in different ways, to acquire needed computational and problem-solving skills to be successful in higher level math classes. All the new students will take a placement test before the first day of the school year so they will be placed in the math class that best matches their computational and problem-solving skills. Two Title I teachers (\$39,535) will be needed to staff the basic math classes.</p> <p>Schools: Academy for Business and Technology High School</p>	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$41096	Title I Schoolwide , Title I Schoolwide , Section 31a, Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader
Activity - Tier I - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Instructional staff will understand class differences and strategies for effective tier 1 instruction. They will learn how to create a classroom of mutual respect and guidance.</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$550	Title I Schoolwide	School leader, instructional coach, instructional staff
Activity - Monitoring Student Behavior and Support of Expectations	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806). Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$88018	Title I Schoolwide, Section 31a, Title I Schoolwide	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
--	----------------------------	--------	-----------	------------	------------	---------	---	---

Activity - Preparing Students for College and Career Readiness	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A guidance counselor will assist students with college preparation and provide them with information regarding career readiness Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30372	Section 31a, Section 31a	School leader, dropout prevention specialist, and guidance counselor

Activity - Professional Development for Motivating High School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset. Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$1100	Title I Schoolwide, Title I Schoolwide	School leader, instructional coach, instructional staff

Strategy 4:

Revise the Full Inclusion Special Education Program - The special education team will work collaboratively with the general education teachers to increase the academic success of all special education students.

Category:

SY 2016-2017

District Improvement Plan

Academy for Business and Technology

Research Cited: Issues Facing the Field of Learning Disabilities. Learning Disability Quarterly. February 1, 2000: 37-50.

Tier: Tier 1

Activity - Special Education and General Education Collaboration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.</p> <p>Schools: Academy for Business and Technology High School</p>	Policy and Process	Tier 1		08/21/2017	06/30/2018	\$0	Other	Instructional Coach, School Leader, General Education/ Special Education Teachers/Staff
Activity - Use of Special Education Support Staff	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support.</p> <p>Schools: Academy for Business and Technology High School</p>	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30000	Special Education	School Leader, Instructional Coach, General Education and Special Education staff
Activity - Professional Development on Inclusion in Middle and High School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>All staff will receive inclusion professional development throughout the school year (on-site or off-site.)</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$0	No Funding Required	School Leader, Instructional Coach, General Education and Special Education Staff

District Improvement Plan

Academy for Business and Technology

Activity - Academic Lab	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulatives, technology and supplies. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$600	Special Education	School Leader, Special Education Teaching Staff

Strategy 5:

MSHS Alignment of curriculum, instruction, assessment - It will drive instruction by providing a link between content standards and student achievement, allowing for targeted interventions and support for students in all Tier levels.

Category: Mathematics

Research Cited: Research Cited: <http://www.naiku.net/category/we-are-naiku/>

Tier: Tier 1

Activity - Curriculum, instruction and assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards, Michigan Science Standards, and Social Studies Standards). Schools: Academy for Business and Technology High School	Academic Support Program	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$0	Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader

Activity - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Title I Schoolwide	Instructional Coach

District Improvement Plan

Academy for Business and Technology

Strategy 6:

Assisting in the planning, implementing, monitoring, and evaluating of school-wide improvement strategies - The coach will promote a knowledge base of effective strategies, assist in on-site professional learning, and participate in on-going and extensive professional development.

Category: Mathematics

Tier: Tier 1

Activity - School Improvement Coach	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school improvement coach will provide assistance to the academy's School Improvement Team in planning, implementing, monitoring and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs. Schools: Academy for Business and Technology High School	Curriculum Development, Policy and Process	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	Title I Schoolwide	School Leader, Instructional Coach, Leadership team

Measurable Objective 4:

A 10% increase of Students with Disabilities students will demonstrate a proficiency on the state assessment in Mathematics by 06/30/2018 as measured by M-Step, SAT/MME, Other State Assessment, NWEA, and other formative and summative assessments.

Strategy 1:

Clear learning objectives - Setting clear learning objectives for all students, including special education students.

Category: Mathematics

Research Cited: Marzano's high yield strategies

Tier:

Activity - Collaboration with general education teacher and special education teacher	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.</p> <p>Schools: Academy for Business and Technology High School</p>	Teacher Collaboration	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$0	Title I Schoolwide	School Leader, Instructional Coach, Instructional Staff
--	-----------------------	--------	---------------	------------	------------	-----	--------------------	---

Goal 3: All Students K-12 in the Academy for Business and Technology District will become proficient in Science

Measurable Objective 1:

A 10% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult, Ungraded and All grade Black or African-American, Asian, Bottom 25%, Bottom 30%, White, Economically Disadvantaged, Free/Reduced Lunch, Gifted and Talented, Hispanic or Latino, Improvement from 10th to 12th Grade, Improvement from 8th to 10th Grade, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander and Top 75% students will demonstrate a proficiency appropriate to their grade level in Science by 06/30/2018 as measured by State assessment, Interactive Science assessments both formative and summative, KC4 formative and summative assessments..

Strategy 1:

Elementary Instructional Best Practice - Teachers will provide science instruction and experiences both inside and outside of their classrooms that are well organized, creative, focused on various learning styles and offer the students the chance to use their investigation skills. The lessons will include cooperative learning activities, graphic organizers, use of various forms of technology and offer effective questioning to guide students to write in their scientific notebook. Science inquiry and hands-on activities will be a part of the instruction and data will be collected and compiled from Science Benchmarks to ensure students are receiving support and instruction on scientific content.

Category: Science

Research Cited: <http://www33.homepage.villanova.edu/edward.fierros/pdf/rethinking%20RTI%20in%20middle%20and%20high%20schools.pdf> and <http://opi.mt.gov/pub/RTI/About/Presentations/Elementary%20Overview%2002Feb09.pdf>

Tier: Tier 1

Activity - Use of General Budget & Grant Funded Support Staff to Deliver Targeted Interventions (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Students will receive more targeted instruction for science from support 31a staff such as 31a teachers and 31a instructional aides/paraprofessionals on more of a continuous basis. Use 31a funds or Title I funds for support staff and materials necessary to carry out a functional STEM special class. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Implement	08/14/2017	06/29/2018	\$157635	Title I Schoolwide, Section 31a	School leader, coach, instructional staff
Activity - Allocate Science Resources for Interventions and Use with Fidelity (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Using data from Science benchmarks, the leader along with staff will select and purchase scientific related resources to address the areas of concern. Science kits, live animals, leveled readers, additional science lab materials will be purchased to transform our science classes offering inquiry and STEM concepts based on the Next Generation Science Standards. Schools: Academy for Business and Technology Elementary	Supplemental Materials	Tier 1	Getting Ready	08/14/2017	06/29/2018	\$40000	Title I Schoolwide, Title I Part A	School leader, instructional staff and coach
Activity - Real Life Connections (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will learn science concepts and skills that involve real life applications and relevant experiences to activate prior knowledge and help retention of science knowledge. Staff may utilize resources similar to United Streaming clips, Interactive Science online resources and various media (like but not limited to: Science A-Z, Brain Pop, and Brain Pop Jr.) to help to implement this concept. Schools: Academy for Business and Technology Elementary	Technology, Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$2000	Title I Schoolwide	Classroom Teachers, Tutors, Instructional Coach and Principal
Activity - Collaboration about Best Practice (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Grade level and/or grade span teachers will meet weekly to focus on and collaborate about instructional best practices. Literature will be used to focus these meetings. Teachers will engage in PLC (Professional Learning Communities) by collaboratively reading a selected book. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Monitor	08/14/2017	06/30/2018	\$0	No Funding Required	Teachers, Special Education Teachers, ELL Teachers, Paraeducators, Instructional Coach and Principal

District Improvement Plan

Academy for Business and Technology

Activity - Cooperative Groups (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide students at all grade levels with regular opportunities to do cooperative group projects where the students carry out the scientific method using hands-on manipulatives through investigations. Intervention materials will include, but not limited to, center based lab materials and guided reading integration for tier 2 and 3 students as well as ELL students. The interactive notebooks and online interactive components will be utilized as well to help engage all learners through STEM education. Schools: Academy for Business and Technology Elementary	Materials	Tier 1	Monitor	09/06/2016	06/23/2017	\$16000	Title I Schoolwide	Teachers, Instructional Support Staff, Instructional Coach, Principal

Activity - Professional Development-Science Standards (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff members will attend a professional development session on interactive science and the Next Generation Science Standards that Michigan has adopted. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$9200	Title II Part A, Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader

Strategy 2:

Elementary Technology and Computer Application - Teachers will use a variety of instructional methods to meet the needs of our diverse learners in their classrooms by using

technology and computer applications wherever possible. Teachers will be use but are not limited to STEM education. Utilizing and implementing the Next Generation Science Standards will offer opportunity to integrate cross-curricular content like science, technology, engineering literature, and mathematics.

Category: Science

Research Cited: <http://www.iuma.ulpgc.es/~nunez/sjobergreportsciencetech.pdf>

<http://www.nextgenscience.org/>

Tier: Tier 1

Activity - Make Connections to Every Day life (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Sources such as ScienceA-Z.com and Brainpop.com demonstrate to the learners how science is a daily part of our lives and explains terms that will aide students in understanding narrative text and promote test taking skills. Schools: Academy for Business and Technology Elementary	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	Title I Schoolwide	School leader, instructional coach and staff

District Improvement Plan

Academy for Business and Technology

Activity - Annual Field Trips and Hands-On Experiences (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Annually, students will take trips off site and take advantage of scientists that will come to the school to help with mastery of material and understand grade level expectations and the Next Generation Science Standards. Teachers will offer more hands-on learning opportunities throughout the school year.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Field Trip	Tier 1	Implement	09/05/2017	06/29/2018	\$5000	Section 31a	School leader, instructional coach and staff
Activity - Increase Exposure to Informational Text	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Students will build stamina when reading longer passages that are similar to the passages present on standardized statewide test and curriculum assessments and receive more literature on topics that they might not have been exposed to in the past that often contributes to them losing interest and decrease in comprehension. The informational text will integrate STEM concepts and offer core content while relating material to real world concepts.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$8000	Title I Schoolwide	School leader, coach and staff
Activity - Science A-Z Integration (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will utilize this computer generated tool to engage students into science through technology and reading, such as but not limited to Science A-Z. The activities and center ideas will be utilized throughout the grade levels.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Technology , Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$680	Title I Schoolwide	Teachers, Instructional Support Staff, Instructional Coach, Principal
Activity - Utilize Online Resources (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will use the computer based tool to offer additional support for our daily science instruction. The assignments for science will be completed on the computer monthly during computer lab time, such as but not limited to Curriculum Crafter (KC4) assessments, and Pearson Interactive Science assessments will monitor progress of students.</p> <p>Schools: Academy for Business and Technology Elementary</p>	Technology , Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$1000	Title I Schoolwide	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Activity - Promethean Planet Integration (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will integrate technology activities, flip charts and video clips from such resources but not limited to Promethean Planet Discovery Learning to help keep children engaged in science and STEM activities. Maintain/replace projector, pens, lenses, bulbs and speakers annually. Schools: Academy for Business and Technology Elementary	Technology , Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$5000	Title I Schoolwide	Teachers, Instructional Support Staff, Instructional Coach, Principal
Activity - Analyzing and Interpreting Data (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use technology to analyze and interpret data from their investigations by creating tables, charts and graphs. Schools: Academy for Business and Technology Elementary	Technology , Teacher Collaboration	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Teachers, Support Instructional Staff, Instructional Coach, Principal
Activity - Instructional Best Practice (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To ensure effective integration of technology, iPads or Chromebooks will be available for classroom activities as needed by teachers. Students will have access to the school computer lab, laptop cart, desktops in classrooms, and the iPad or Chromebook carts as needed by teachers. Students will use the technology to do research for papers/projects, take assessments, and for STEM education. Schools: Academy for Business and Technology Elementary	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$15000	Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader

Strategy 3:

Improve and Strengthen the PBIS System - Employ and train staff to teach and encourage the values of the PBIS system. 31a and Title staff, such as the guidance counselor, social worker, behavior support specialist and instructional aides will assist in the development and the necessary revisions needed to implement the plan and system effectively. The behavior data that is compiled and collected will be used during PBIS meetings, Rtl meetings and grade level meetings to determine the patterns of occurrences and the impact on academic success. The PBIS will serve as a mechanism to support positive behavior and curtail negative influences that impact success.

Category: Science

Research Cited: http://www.michigan.gov/documents/mde/SchoolwidePBS_264634_7.pdf

Tier: Tier 1

District Improvement Plan

Academy for Business and Technology

Activity - Monitoring and Documenting Behavior Patterns	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Positive Behavior Management Support Specialist, Truancy Liasion, Hall Monitor and Social Worker will be utilized to uphold expectations, collect data, address students' needs and monitor student behavior. Schools: All Schools	Policy and Process	Tier 1	Monitor	09/05/2017	06/29/2018	\$94375	Section 31a, Section 31a	School Leader, Coach, PBIS team
Activity - Preparing Students for College and Career Readiness	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Guidance Counselor and/or social worker along with instructional staff will ensure that the students are ready for graduation while assisting with EDP, providing agency support to at risk youth, making connections in the community to educate families on career and college readiness. Schools: Academy for Business and Technology Elementary	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$65000	Title I Schoolwide	School leader, coach and counselor

Strategy 4:

Elementary Writing Across Curriculum with a focus on Vocabulary and the Scientific Method - Teachers will provide science instruction that focuses on scientific processes, reasoning, vocabulary, and the application of the scientific method in problem solving and inquiry situations.

Category: Science

Research Cited: What Works in Schools (Marzano et. al., 2003); A Handbook for Classroom Instruction that Works (Marzano et. al. 2001); Best Practices: Bringing Standards to Life in America's Schools, 4th edition (Zemelman et. al., 2012); Recommendations for Teaching Science" (Zemelman, 2005)

Tier: Tier 1

Activity - Problem Solving Strategies (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will take part in regular activities that involve problem solving strategies using scientific reasoning and application of the scientific method. They will solve open-ended problems and extended problem-solving projects that involve relevant and/or real-life situations on a regular basis (at least biweekly). Annually, Interactive Science refill kits will be purchased to help engage the students in better writing. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$9000	Title I Schoolwide	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Activity - Science Investigation PowerPoint Presentations each semester (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All students will complete a Science Investigation each semester: Grades K-2 will complete a class project where they will present to the other classes; Grades 3-5 will complete group projects and they will share their PowerPoint/Board presentations with their classmates. Scientific Journals will be provided so that the students will practice all parts of the scientific method and we can monitor growth from one investigation to the next. (Tri-fold boards and Scientific Headings are required)	Direct Instruction, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$1000	Title I Schoolwide	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Activity - Vocabulary Activities (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will include vocabulary activities in their weekly plans for students to complete and they will increase the use and emphasis on science vocabulary during instruction time. Activities will be sufficiently diversified so as to address the needs of all learning types, as well as English Language Learners and students with disabilities. Teachers will utilize the key vocabulary lists in the Curriculum Crafter. Teachers will be required to keep a science word wall with current key vocabulary based on units of study.	Direct Instruction, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$500	Title I Schoolwide	All Teachers, Instructional Support Staff, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Strategy 5:

Elementary Alignment of Curriculum, Instruction, Assessment - Teachers will create, update and align curriculum in the web-based Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.

Category: Science

Research Cited: <https://curriculumcrafter.org/login.aspx>

Tier: Tier 1

Activity - Curriculum Crafter (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$850	Title I Schoolwide	Instructional Staff, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Strategy 6:

Elementary Science Engagement - Teachers will use a variety of instructional methods to meet the needs of our diverse learners in their classroom by engaging students in hands-on and interactive science activities.

Category: Science

Research Cited: How to Teach Thinking Skills Within the Common Core (Bellanca et. al., 2012); Classroom Instruction that Works 2nd Edition (Dean et. al., 2012);

Technology Integration for Meaningful Classroom Use: A Standards-Based Approach (Katherine Cennamo et. al., 2014)

Tier: Tier 1

Activity - High Touch High Tech (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Through discovery style learning and inquiry based dialogue, the students are engaged in exciting science projects that encourage them to explore the many wonders of science. This company comes to the school and bring the science experiments.	Field Trip, Academic Support Program	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$5000	Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader
Schools: Academy for Business and Technology Elementary								

Activity - Science Night (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
An instructional and social gathering conducted by the School Leader, Instructional Coach, and the Science Committee which will provide instructional materials to support student learning objectives.	Community Engagement, Academic Support Program	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$600	Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader, Science Committee
Schools: Academy for Business and Technology Elementary								

Activity - Earth Day (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
-----------------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Students will participate in an Earth Day activities such as but not limited to a poster competition, planting flowers, cleaning up the school grounds, etc.. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$750	Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader, Science Committee
--	--------------------	--------	---------------	------------	------------	-------	--------------------	--

Activity - Science Assembly (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will participate in a science related assembly such as but not limited to endangered species, environment, wild life, habitat, etc. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$5000	Title I Schoolwide	Science Committee, Instructional Staff, Instructional Coach, School Leader

Measurable Objective 2:

A 10% increase of Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a proficiency appropriate to their grade level in Science by 06/30/2018 as measured by the State assessment, M-Step, SAT, and other formative and summative assessments..

Strategy 1:

MSSH Formative Assessment - Formative Assessment - Formative assessments (evidence through resources, lesson plans, pre/post test, assessments, lesson delivery/activities, etc) is a big idea that will assist us in the transformation. Formative assessment will be monitored to ensure all students are engaged and are making connections with subject matters on their readiness level and make connections to real life experiences through technology, hands-on activities, field trips, college tours, supplemental resources and research based best practices and strategies. We will use formative and summative assessments along with M-Step, SAT, NWEA, and online platforms to determine what resources/technology, personnel and programs need to be adapted to focus on the areas of concerns. Teachers will be given feedback and suggestions from instructional coach, mentor, lead teachers and school leaders on the progress of formative assessments in the classroom and how the data speaks to the lesson delivery and content.

Category: Science

Research Cited: The Impact of Formative Assessment and Learning Intentions on Student Achievement

<http://www.hanoverresearch.com/media/The-Impact-of-Formative-Assessment-and-Learning-Intentions-on-Student-Achievement.pdf>

Tier: Tier 1

District Improvement Plan

Academy for Business and Technology

Activity - Real World Learning and Discovery	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>Students participate in a hands-on lab to apply what they learned for that topic's direct instruction. Labs reinforce student learning through performance-oriented critical thinking skills. This will support differentiated instruction as described in the transformation / redesign plan for the school. The science lab facilities will need to be updated for safety. This will require the purchase of lab, health and safety equipment. (\$3471) Science department staff will monitor proficiency of students through lab performance to determine if learning objectives have been met, and where modifications to instructional techniques and procedures are required. This supports data driven instruction as contained in the school's master plan. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards/NGSS, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.</p> <p>Every unit will integrate a real-world application where the student can connect the science concept addressed in the unit to the world around them. In order to make these real world connections, the students will have the opportunity to take field trips, in order to participate in cross-curricular activities and build real world connections for students. Every unit will also offer the opportunity for students to construct their own knowledge by teacher-guided inquiry, where the student builds new knowledge from what they already know. Students are able to build on prior knowledge and develop the new science concept presented through hands-on activities that will enable them to make the connection to their own world. Concepts selected for the discovery method will be determined through analysis of pre-assessment results as prescribed by the transformation / redesign plan.</p> <p>STEM classes are geared to increase the students' interest in science, technology, engineering, and math. The classes are hands-on to show students how technology is used in engineering to solve everyday problems. Students will learn and apply design process, acquire strong teamwork and communication proficiency, and develop organizational, critical thinking, and problem-solving skills. Focus is on teaching students to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The STEM classes will require supplies in order to create hands-on learning opportunities (\$655).</p> <p>Formative assessment will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessment strategies. Common assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement learning stations.</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$4781	Title I Schoolwide, Title I Schoolwide	Science department staff, academic coach, school leader, support staff.
---	--------------------	--------	-----------	------------	------------	--------	--	---

District Improvement Plan

Academy for Business and Technology

<p>need the necessary materials to implement learning stations. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards, the MAISA units, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.</p> <p>Schools: Academy for Business and Technology High School</p>								
---	--	--	--	--	--	--	--	--

Activity - Staff Training on Formative Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will receive training on formative assessment and integration of NGSS content standards. This will require the purchase of training materials. Follow-up observations will occur throughout the year.</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1288	Title II Part A	School leader, instructional coach, support staff and general education teachers

Activity - MSHS Integrating Technology	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals.</p> <p>An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations. This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p> <p>Schools: Academy for Business and Technology High School</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$20574	Title I Schoolwide, Title I Schoolwide, Title I Schoolwide, Section 31a	Instructional staff, instructional coach, school leader
--	------------	--------	-----------	------------	------------	---------	---	---

Activity - MSHS Inquiry-based Science Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Using data from science benchmarks, the school leader along with the staff will select and purchase scientific related resources to address the areas of concern. Science kits, live animals, leveled readers, additional science lab materials will be purchased to transform our science class offering inquiry based and hands-on instruction dependent upon the Michigan Science Standards or NGSS.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$8500	Title I Schoolwide	School leader, instructional coach, science staff

Strategy 2:

MSHS Data Driven Decision Making - In order to facilitate the achievement of all students, the Academy for Business and Technology is committed to data driven instruction. The staff will implement a systematic ongoing process of continuous improvement by interpreting data, identifying the causality of learning difficulties, and determining how to best use the data to identify the instructional strategies to obtain the goal of 80% proficiency. The data sources utilized will include: formative and summative assessments, perception data, and standardized tests. This information will allow the making of informed decisions concerning both advanced students and students who need remediation. Teachers will progress monitor students using pre- and post-tests, and a student achievement data tracker to progress monitor student performance. The data team leader will help to facilitate and monitor the progress of student performance. The data team will do the following:

District Improvement Plan

Academy for Business and Technology

- Make data discussion a function of the departments to analyze data by grade level, content area, and school-wide
- Design Data Walls
- Communicate Standardized Testing results to staff in a timely manner to drive instruction and students & parents to inform families of individual growth.
- Consistent use of formative and summative assessments

Category: Science

Research Cited: Marzano based research on applying pre and post-assessments, Next Generation Science Standards.

Tier: Tier 1

Activity - MSHS Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance.</p> <p>Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding.</p> <p>The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach.</p> <p>As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$0	No Funding Required	Science instructional staff, instructional coach, school leader, support staff.
--	--------------------	--------	-----------	------------	------------	-----	---------------------	---

Activity - Data Analysis Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include professional development on formative assessment project (\$431), and attendance at the MDE/AdvanceEd school improvement conferences (\$139).</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$570	Title II Part A, Title II Part A	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

Activity - Teaching the Common Core State Standards	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100).</p> <p>The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$15928	Title I Schoolwide, Title I Schoolwide	Instructional staff, instructional coach, school leader
Activity - Common Core Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

<p>The staff will receive training on how to best implement the common core state standards/NGSS in their classrooms. These materials and professional developments will focus on Inquiry-based learning and instruction/assessment aligned with NGSS. This is essential for the M-Step conversion to NGSS by 2018. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards/NGSS. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The staff will study the content area text to study in a professional learning community (\$66).</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$226	Title I Schoolwide	Instructional staff, instructional coach, school leader
---	-----------------------	--------	-----------	------------	------------	-------	--------------------	---

Activity - Content Area Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will be accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT/MME & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. The science/health department will purchase and use various forms of literature for example magazines, books, journals and ect to help build literacy skills and content understanding of students. These resources could be in print and/or digital forms. Subscriptions need to be purchased for all-content areas to help implement this activity. M-step/SAT/MME preparation will occur throughout the year in content classes as well as Test Prep. Teacher will utilize various online programs, other software applications, or various printed test prep materials to prepare students.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$6200	Title I Schoolwide, Other	Instructional staff, instructional coach, school leader

Activity - Administration Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$4500	Title II Part A, Title II Part A	Administration
---	-----------------------	--------	-----------	------------	------------	--------	----------------------------------	----------------

Strategy 3:

Multi-Tiered System of Supports (MTSS) - In order to identify and remediate student learning gaps/behaviors, the staff will implement the components and strategies of the

Response to Intervention and positive behavior intervention support models. Students in tier I receive best practice instruction from the classroom teacher. Students in tiers II and III will receive additional assistance from intervention specialists

Category: Science

Research Cited: RtI Network, Wayne RESA & MDE documents.

Tier: Tier 1

Activity - Effective Tier I Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
As a school, student-centered teaching for learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. The science department will utilize the Rubicon Atlas or NGSS compatible curriculum to teach students about the world around them through science. The teachers will need the necessary materials to implement effective tier I instruction and learning centers. These include: activities, games, and manipulative materials Schools: Academy for Business and Technology High School	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$3538	Title I Schoolwide, Title I Schoolwide	School leader, coach, general education and special education teachers

Activity - Staff Training on the RtI Model	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$938	Title II Part A	School leader and instructional coach
Schools: Academy for Business and Technology High School								

Activity - Tier I - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Instructional Staff will understand what best practices are strategies for effective tier 1 instruction. Schools: All Schools	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$550	Title I Schoolwide	School leader, instructional coach, instructional staff

Activity - Monitoring Student Behavior and Support of Expectations	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the Rtl/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806). Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$38018	Section 31a, Title I Schoolwide	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison

Activity - Preparing Students for College and Career Readiness	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

A guidance counselor and a dropout prevention specialist (\$7170) will assist students with college preparation and provide them with information regarding career readiness Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$7170	Section 31a	School leader, dropout prevention specialist, and guidance counselor
Activity - Professional Development for Motivating Middle and High School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset. Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$0	Title I Schoolwide	School leader, instructional coach, instructional staff
Activity - After School and Summer School Tutoring/Credit Recovery	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The after-school tutoring/credit recovery program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school and summer school/credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 2	Monitor	09/05/2017	06/30/2018	\$1955	Title I Schoolwide	School leader, instructional coach and instructional staff
Activity - Teacher Training on Culturally Responsive Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will receive professional development that will help them acquire the tools and strategies which support learning for our diverse student population. Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$400	Title II Part A	Instructional Staff

Strategy 4:

Revise the Full Inclusion Special Education Program - The special education team will work collaboratively with the general education teachers to increase the academic success of all special education students

Category: Science

District Improvement Plan

Academy for Business and Technology

Research Cited: Issues Facing the Field of Learning Disabilities. Learning Disability Quarterly. February 1, 2000: 37-50.

Tier: Tier 3

Activity - Special Education and General Education Collaboration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.</p> <p>Schools: Academy for Business and Technology High School</p>	Policy and Process		Implement	08/21/2017	06/30/2018	\$0	Title I School Improvement (ISI)	School leader, instructional coach, teachers and support staff
Activity - Use of Special Education Support Staff	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support.</p> <p>Schools: All Schools</p>	Academic Support Program	Tier 3		08/21/2017	06/30/2018	\$30000	Special Education	School leader, instructional coach, general education and special education staff
Activity - Professional Development on Inclusion in Middle and High School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>All staff will receive inclusion professional development throughout the school year (on-site or off-site.)</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning, Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$0	No Funding Required	School leader, instructional coach, general and special education staff

District Improvement Plan

Academy for Business and Technology

Activity - Academic Lab	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulative materials, technology and supplies. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$600	Special Education	School leader, special education teaching staff

Strategy 5:

MSHS Alignment of curriculum, instruction, and assessment - It will also drive instruction by providing a link between content standards and student achievement, allowing for targeted interventions and support for all Tier levels.

Category: Science

Research Cited: <http://www.naiku.net/category/we-are-naiku/>

Tier: Tier 1

Activity - MSHS Curriculum Instruction and Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards/NGSS). Schools: Academy for Business and Technology High School	Direct Instruction	Tier 1		09/05/2017	06/30/2018	\$0	Title I Schoolwide	School leader, instructional coach, instructional staff

Activity - Professional Development - Naiku	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Title I Schoolwide	Instructional Coach

Strategy 6:

Planning, Implementing, Monitoring, and Evaluating of MSHS Improvement Strategies - Assisting in the planning, implementing, monitoring, and evaluating of school-

District Improvement Plan

Academy for Business and Technology

wide improvement strategies.

Category: Science

Tier: Tier 1

Activity - MSHS School Improvement Coach	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school improvement coach will provide assistance to the academy's School Improvement team in planning, implementing, monitoring, and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs. The coach will promote a knowledge base of effective strategies, assist in on-site professional learning, and participate in on-going and extensive professional development. Schools: Academy for Business and Technology High School	Policy and Process	Tier 1	Implement	09/05/2017	06/30/2018	\$15000	Title I Schoolwide	School Improvement Team

Measurable Objective 3:

A 10% increase of Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade Students with Disabilities students will demonstrate a proficiency on the 2017-2018 state assessment in Science by 06/30/2018 as measured by the State assessment, M-Step, SAT, and other formative and summative assessments..

Strategy 1:

Clear learning objectives for all MSHS students - Setting clear learning objectives for all students, including special education students

Category: Science

Research Cited: Marzano's high yield strategies

Tier:

Activity - Collaboration between Special Education Teachers and MSHS General Education Staff	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Academic Support Program		Getting Ready	09/05/2017	06/30/2018	\$0	Title I Schoolwide	Special education staff, general education staff
Schools: Academy for Business and Technology High School								

Goal 4: All students K-12 at Academy for Business and Technology District will become proficient in Social Studies.

Measurable Objective 1:

A 10% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult, Ungraded and All grade Black or African-American, Asian, Bottom 25%, Bottom 30%, White, Economically Disadvantaged, Free/Reduced Lunch, Gifted and Talented, Hispanic or Latino, Improvement from 10th to 12th Grade, Improvement from 8th to 10th Grade, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander and Top 75% students will demonstrate a proficiency appropriate to their grade level in Social Studies by 06/30/2018 as measured by State assessment and KC4 Curriculum Assessments..

Strategy 1:

Elementary Increase More Opportunities for Learning - Students will be exposed and introduced to multiple opportunities to learn about Social Studies through different genres of literature, technology (hardware and software), projects/presentations, career day, onsite and off site experiments and hands-on experiments.

Category: Social Studies

Research Cited: Marzano's Strategies

Tier: Tier 1

Activity - Integrate Social Studies Material in All Content Areas (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teacher will intentionally design and plan to integrate social studies content in science, math, writing and reading along with art and music to develop an interest in students and help them understand the connections to the content and their lives.	Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$1350	General Fund	Leader, Instructional Coach and teachers
Schools: Academy for Business and Technology Elementary								

District Improvement Plan

Academy for Business and Technology

Activity - On Campus and Off Campus Hands-on Experiences (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Revenue will be allocated to provide students with field trips to different venues to visualize the literature read in the classroom and community partnerships will come to the school site to speak and interact with the students. Schools: Academy for Business and Technology Elementary	Field Trip	Tier 1	Implement	09/05/2017	06/29/2018	\$1820	Title I Part A	Leader, Instructional coach and teachers

Activity - Exposure to Various Types of Informational Text (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Leveled readers, magazines, publications, websites, newspapers and television programs will be tools used to deliver instruction related to Social Studies skills and standards to broaden and increase the mastery of the expectation of student learning targets. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$750	Title I Part A	Leader, Instructional Coach and instructional staff

Strategy 2:

Elementary Effective Lesson Planning and Delivery - Teachers and support staff will select research and evidence based strategies to engage learners, diversify instruction and assess at multiple levels. Lessons will be tiered and delivered using Marzano's strategies and graphic organizers to offer various techniques to gain an understanding and increase mastery. Lesson plans will document/list the essential questions, vocabulary, assessments, accommodations, anticipatory sets, closure activities, etc to promote more comprehension and more explicit instruction.

Category: Social Studies

Research Cited: Learning Focused Curriculum and Training

Tier: Tier 1

Activity - Monitor of Instructional Coach (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The coach will give weekly feedback on lesson plans, model lesson delivery, and monitor the fidelity of which teachers have planned for D.I. in their lesson planning. Various sources of data will be analyzed to determine the effectiveness of the strategies being utilized in the classroom. Schools: Academy for Business and Technology Elementary	Policy and Process	Tier 1	Monitor	09/05/2017	06/29/2018	\$144000	Title I Schoolwide	Leader, Instructional coach and teacher

Activity - Create and Use Mapping and Pacing Guides (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

During the school year, the teachers will devise maps and pacing guides to assist them with monitoring of the timeliness and efficiency of teaching the common core and curriculum. Schools: Academy for Business and Technology Elementary	Policy and Process	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	Leader, Instructional coach and teachers
Activity - Daily Test Taking Skills (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Test taking skills across grade levels will be taught on a daily basis to prepare students for statewide tests and promote higher level thinking skills when reading information texts which are often lengthy and complex. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	Leader, Instructional Coach and teachers
Activity - Professional Development on Effective Teaching Strategies for Social Studies (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
At least twice a year, teacher will engage in presentations along with hands-on learning to equip them with the necessary methods, materials and research to target areas of weaknesses that contribute to the decline in Social Studies performance. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$5000	Title II Part A	Leader, Instructional Coach and teachers

(shared) Strategy 3:

Data-Driven Decision Making - In order to facilitate the achievement of all students, the Academy for Business and Technology is committed to data driven instruction. The staff will implement a systematic ongoing process of continuous improvement by interpreting data, identifying the causality of learning difficulties, and determining how to best use the data to identify the instructional strategies to obtain the goal of proficiency appropriate for each grade level. The data sources utilized will include: formative and summative assessments, perception data, and standardized tests. This information will allow the making of informed decisions concerning both advanced students and students who need remediation. Teachers will progress monitor students using pre- and post-tests, and a student achievement data tracker to progress monitor student performance. The data team leader will help to facilitate and monitor the progress of student performance. The data team will do the following:

- Make data discussion a function of the departments to analyze data by grade level, content area, and school-wide
- Design Data Walls
- Communicate Standardized Testing results to staff in a timely manner to drive instruction and students & parents to inform families of individual growth.
- Consistent use of formative and summative assessments

Category: Social Studies

Research Cited: Bambrick-Santoyo, P. (2010). Driven By Data: A Practical Guide to Improve Instruction. San Francisco, CA: John Wiley & Sons Inc. The Learning and Learning Center. (2010). Data Teams Training Manual, 3rd Edition, Englewood, CO. Lead + Learn Press.

Tier: Tier 1

SY 2016-2017

District Improvement Plan

Academy for Business and Technology

Activity - Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p> <p>Schools: Academy for Business and Technology High School</p>	Teacher Collaboration	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	School Leader, Instructional Coach, Teachers & Support Staff
Activity - Data Analysis Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning.</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Implement	08/22/2016	06/30/2017	\$570	Title II Part A, Title II Part A	Instructional staff, instructional coach, school leader
---	-----------------------	--------	-----------	------------	------------	-------	----------------------------------	---

Activity - Teaching the Common Core State Standards	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS). By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100).</p> <p>The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$13652	Title I Schoolwide, Title I Schoolwide	Instructional staff, instructional coach, school leader

Activity - Common Core Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The mathematics staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community (\$66).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$226	Title II Part A	Instructional staff, instructional coach, school leader
Schools: Academy for Business and Technology High School								

Activity - Content Area Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials. (\$1200)	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$500	Title I Schoolwide	Instructional staff, instructional coach, school leader
Schools: Academy for Business and Technology High School								

Activity - Administration Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1500	Title I Schoolwide	Administration Team
---	-----------------------	--------	-----------	------------	------------	--------	--------------------	---------------------

Strategy 4:

Elementary Alignment of Curriculum, Instruction, Assessment - Staff will help students to build a sense of responsibility for their school and community through curriculum and assessment.

Category: Social Studies

Research Cited: Bringing Standards to Life in America's Schools, 4th edition (Zemelman et. al.,2012); The Art & Science of Teaching (Marzano, 2007);

What Works in Schools: Translating Research into Action (Marzano, 2003); Classroom Instruction that Works: Research-based strategies for Increasing Student Achievement, 2nd edition (Dean et. al., 2012)

Tier: Tier 1

Activity - Classroom and Community (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies lessons/activities will involve active participation in the classroom and the wider community as often as possible. The teachers will use programs like but not limited to Virtual Field Trips (www.si.edu), Channel One or History Alive. The teachers may also use resources similar to but not limited to Studies Weekly to help integrate current events in a cross curricular way. Schools: Academy for Business and Technology Elementary	Materials	Tier 1	Implement	09/05/2017	06/29/2018	\$3000	Title I Schoolwide	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal

Activity - Effective Evaluations (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Teachers will use evaluations (summative and formative) that involve further learning that promotes responsible citizenship and open expression of ideas. Teachers will provide opportunities for students to demonstrate mastery of skills or concepts in ways supplemental to the pencil and paper curriculum assessments, especially for low-achieving subgroups and for students performing below grade level which can be developed in Curriculum Crafter under alternate assessments.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Classroom Teachers, Special Education Teachers, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Activity - Real World Documents (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies readings will include engaging real-world documents and not just textbooks. Teachers can use resources similar to but not limited to Scholastic Weekly, Studies Weekly and Social Studies Alive, which are aligned to the Common Core State Standards and offers informational text in all grade levels.	Materials	Tier 1	Implement	09/05/2017	06/29/2018	\$6000	Section 31a	Classroom teachers, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Activity - Observing, Discussing and Debating (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will frequently provide lessons that involve students in observing, classroom discussions and class debates to ensure their active participation in learning. Lesson objectives will be relevant to the students and offer full engagement.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Classroom teachers, instructional support staff, bilingual staff, instructional coach, Principal
Schools: Academy for Business and Technology Elementary								

Activity - Engaging, Hands-On Instructional Activities (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students at all grade levels and at various ability levels will have access to and use hands-on manipulatives such as maps, globes and other visual learning aids to learn social studies concepts as regularly as possible. Utilize field trips to offer real life experiences and exposure to our community.	Field Trip, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$2400	Section 31a	Classroom teachers, Instructional support staff, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

District Improvement Plan

Academy for Business and Technology

Activity - Cooperative Groups (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide students in all grade levels with regular opportunities to participate in cooperative group projects. Schools: Academy for Business and Technology Elementary	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Title I Schoolwide	Teachers, Instructional Support Staff, Instructional Coach, Principal
Activity - Professional Development-PLC Books (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Academy will utilize several PLC book reads that will focus on various research based topics, such as but not limited to guided reading groups, data analysis, closed reading, etc. Schools: Academy for Business and Technology Elementary	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	Instructional Staff, Instructional Coach, Principal
Activity - Curriculum Crafter (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed. Schools: Academy for Business and Technology Elementary	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$750	Title I Schoolwide	Instructional Staff, Instructional Coach, Principal

Strategy 5:

Elementary Using Writing to Engage Students - Teachers will implement Social Studies activities that not only focus on vocabulary, but also that engages students in inquiry and

problem solving about significant human issues.

Category: Social Studies

Research Cited: Best Practice: Bringing Standards to Life in America's Schools, 4th edition (Zemelman et. al., 2012); The Art and Science of Teaching (Marzano, 2007); Classroom Instruction that Works: Research-based strategies for Increasing Student Achievement, 2nd edition (Dean et. al., 2012)

Tier: Tier 1

Activity - Current Events (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Teachers will set aside class time regularly (at least bi-weekly) for discussions about current events which will result in a written response regarding the current event that they read from supplemental materials such as but not limited to Teachers Studies Weekly newspapers, etc..	Supplemental Materials	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	Title I Schoolwide	Classroom teachers, instructional coach
Schools: Academy for Business and Technology Elementary								

Activity - Promethean Planet Integration (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Use Promethean Planet to show video clips, use flip charts and graphic organizers to motivate and engage students to write in Social Studies. Some Promethean Boards need to have speakers, pens and projectors maintained/replaced annually.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$7000	Title I Schoolwide, Section 31a	Classroom Teachers, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Strategy 6:

Elementary Writing Across the Curriculum - The Academy for Business & Technology Elementary School will be utilizing technology, constructed response questions, blogging, problem solving and journals to embed writing into Social Studies.

Category: Social Studies

Research Cited: Best Practices Bringing Standards to Life in America's Schools (Zemelman et. al.,2012); Classroom Instruction that Works: Research-based Strategies for Increasing Student Achievement (Dear et. al., 2012)

Tier: Tier 1

Activity - Social Studies Vocabulary (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will increase use and emphasis of Social Studies vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and the Performance Series. Teachers will be required to keep a Social Studies word wall with current vocabulary necessary for their current topic.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Title I Schoolwide	Teachers, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Activity - Writing Sample Submission (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

Teachers will assign a Social Studies constructed response questions to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	No Funding Required	Teachers, Instructional Coach, Principal
Schools: Academy for Business and Technology Elementary								

Strategy 7:

Elementary Data-Driven Decision Making - In order to facilitate the achievement of all students, the Academy for Business and Technology is committed to data driven instruction. The staff will implement a systematic ongoing process of continuous improvement by interpreting data, identifying the causality of learning difficulties, and determining how to best use the data to identify the instructional strategies to obtain the goal of proficiency appropriate for each grade level. The data sources utilized will include: formative and summative assessments, perception data, and standardized tests. This information will allow the making of informed decisions concerning both advanced students and students who need remediation. Teachers will progress monitor students using pre- and post-tests, and a student achievement data tracker to progress monitor student performance. The data team leader will help to facilitate and monitor the progress of student performance.

The data team will do the following:

- Make data discussion a function of the departments to analyze data by grade level, content area, and school-wide
- Design Data Walls
- Communicate Standardized Testing results to staff in a timely manner to drive instruction and students & parents to inform families of individual growth.
- Consistent use of formative and summative assessments

Category: Social Studies

Research Cited: Bambrick-Santoyo, P. (2010). Driven By Data: A Practical Guide to Improve Instruction. San Francisco, CA: John Wiley & Sons Inc. The Learning and Learning Center. (2010). Data Teams Training Manual, 3rd Edition, Englewood, CO. Lead + Learn Press.

Tier: Tier 1

Activity - Data Analysis (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---------------------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>The analysis of data through the instructional learning cycles will become a function of the grade level teams and will assist ABTE to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p> <p>Schools: Academy for Business and Technology Elementary</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Implement</p>	<p>08/14/2017</p>	<p>06/29/2018</p>	<p>\$0</p>	<p>No Funding Required</p>	<p>School Leader, Instructional Coach, Teachers & Support Staff</p>
--	------------------------------	---------------	------------------	-------------------	-------------------	------------	----------------------------	---

Activity - Data Analysis Professional Development (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning.</p> <p>Schools: Academy for Business and Technology Elementary</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/29/2018</p>	<p>\$500</p>	<p>Title II Part A</p>	<p>Instructional staff, instructional coach, school leader</p>

District Improvement Plan

Academy for Business and Technology

Activity - Teaching the Common Core State Standards (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), This will be accomplished by using the Learning Focused model. This model is being used to translate the standards into learning. By focusing on continuous improvement, the Learning Focused model will assist the staff in the employment of exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop student learning maps that provide a focus for teacher planning and clearly communicate the expected learning to students. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will create student learning maps. These maps will be derived from the academy's standards driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the student learning maps will provide a consistent access to the standards and the curriculum throughout the school. This activity will be monitored by the instructional coach and school leader and will be evidenced by the submission of student learning maps, along with lesson plans that follow them. <p>Schools: Academy for Business and Technology Elementary</p>	Direct Instruction	Tier 1		09/05/2017	06/29/2018	\$13000	Title I Schoolwide	Instructional staff, instructional coach, school leader
Activity - Common Core Professional Development (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community.	Professional Learning	Tier 1	Implement	08/15/2016	06/23/2017	\$125	Title II Part A	Instructional staff, instructional coach, school leader
Schools: Academy for Business and Technology Elementary								

Activity - Content Area Reading (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. The grade level teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	Instructional staff, instructional coach, school leader
Schools: Academy for Business and Technology Elementary								

Activity - Administration Professional Development (elementary)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	Instructional staff, support staff, Instructional Coach, School Leader
Schools: Academy for Business and Technology Elementary								

Measurable Objective 2:

District Improvement Plan

Academy for Business and Technology

A 10% increase of Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a proficiency appropriate to their grade level in Social Studies by 06/30/2018 as measured by M-STEP, SAT/MME, Other State Assessment, ILC Post Tests, and other formative and summative assessments..

Strategy 1:

Multi-Tiered System of Support - In order to identify and remediate student learning gaps/behaviors, the staff will implement the components and strategies of the

Response to Intervention and positive behavior intervention support models. Students in tier I receive best practice instruction from the classroom teacher. Students in tiers II and III will receive additional assistance from intervention specialists.

PBIS will be implemented to improve the social and learning behaviors of students and decrease the disruptions that interfere with instruction. All staff will be trained on PBIS. A PBIS committee has been developed and meets monthly throughout the school year to ensure the program's effectiveness. A designated committee member will track data using the Log Entry and Discipline System and give monthly reports to the school improvement team (SIT).

Category: Social Studies

Research Cited: RTI Network, Wayne RESA & MDE documents

Tier: Tier 1

Activity - Effective Tier I Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
As a school, station-based learning will become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and stations. These include: activities, games, and manipulative materials (\$1259). Schools: Academy for Business and Technology High School	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1259	Title I Schoolwide	School leader, instructional coach, general education and special education teachers

Activity - Staff Training on the Rtl Model	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758). Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$938	Title II Part A	School leader, instructional coach and general and special education teachers

Activity - After School and Summer School Tutoring/Credit Recovery	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The after-school tutoring/credit recovery program will take place 2 days a week throughout the school year. A Department-wide tutoring volunteer program will take place during the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school, summer school, and credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$1955	Title I Schoolwide, Title I Schoolwide, Title I Schoolwide	Instructional staff, instructional coach, support staff, school leader
--	--------------------------	--------	-----------	------------	------------	--------	--	--

Activity - Effective Tier II and Tier III Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The instructional staff will use formative and summative assessments as well as the academy's benchmark assessments to target areas of academic weakness. This data will guide the decision-making process when determining which students may need interventions. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$1806	Title I Schoolwide, Title I Schoolwide	Instructional staff, instructional coach, school leader

Activity - Tier I - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Instructional Staff will understand what best practices are strategies for effective tier 1 instruction. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1		08/21/2017	06/30/2018	\$550	Title I Schoolwide	School leader, instructional coach, instructional staff

Activity - Monitoring Student Behavior and Support of Expectations	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806). Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	09/05/2016	06/30/2017	\$38018	Title I Schoolwide, Section 31a	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
--	----------------------------	--------	-----------	------------	------------	---------	---------------------------------	---

Activity - Preparing Students for College and Career Readiness	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A guidance counselor will assist students with college preparation and provide them with information regarding career readiness Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30372	Title I Schoolwide	School leader, guidance counselor and a dropout prevention specialist

Activity - Professional Development for Motivating High School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset. Schools: Academy for Business and Technology High School	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$1100	Title I Schoolwide	School leader, instructional coach, instructional staff

Activity - After School tutoring and Summer School tutoring/Credit Recovery	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

The after-school tutoring program/credit recovery will take place 2 days a week throughout the school year. A Department-wide tutoring volunteer program will take place during the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school, summer school and credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$2700	Title I Schoolwide	School leader, Instructional coach, Instructional Staff
---	--------------------------	--------	-----------	------------	------------	--------	--------------------	---

Strategy 2:

Formative Assessment - Formative assessments (evidence through resources, lesson plans, pre/post test, assessments, lesson delivery/activities, etc) is a big idea that will assist us in the transformation. D.I. will be monitored to ensure all students are engaged and are making connections with subject matters on their readiness level and make connections to real life experiences through technology, hands-on activities, field trips, college tours, supplemental resources and research based best practices and strategies. We will use formative and summative assessments along with M-Step, SAT, NWEA, and online platforms to determine what resources/technology, personnel and programs need to be adapted to focus on the areas of concerns. Teachers will be given feedback and suggestions from instructional coach, mentor, lead teachers and school leaders on the progress of formative assessments in the classroom and how the data speaks to the lesson delivery and content.

Category: Social Studies

Research Cited: The Impact of Formative Assessment and Learning Intentions on Student Achievement

<http://www.hanoverresearch.com/media/The-Impact-of-Formative-Assessment-and-Learning-Intentions-on-Student-Achievement.pdf>

Tier: Tier 1

Activity - Staff Training on Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1288	Title II Part A	School leader, instructional coach and general and special education teachers

Activity - Hands-on Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
------------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>Formative assessments will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessments. Common assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement formative assessment and learning centers. These include: activities, games, and manipulative materials.</p> <p>Teachers will collaborate within departments and across the curriculum to guide the planning. Time will be embedded on some professional development days and in the daily schedule to allow for collaboration during the school year. Lesson plans will be based on Michigan standards and Common Core State Literacy Standards using the MAISA units in Atlas Rubicon. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$0	Other	Instructional Coach, Teachers & Support Staff
Schools: Academy for Business and Technology High School								

Activity - Integrating Technology	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals.</p> <p>An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations. This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$8574	Title I Schoolwide, Title I Schoolwide, Section 31a	Instructional staff, instructional coach, school leader
Schools: Academy for Business and Technology High School								

District Improvement Plan

Academy for Business and Technology

(shared) Strategy 3:

Data-Driven Decision Making - In order to facilitate the achievement of all students, the Academy for Business and Technology is committed to data driven instruction. The staff will implement a systematic ongoing process of continuous improvement by interpreting data, identifying the causality of learning difficulties, and determining how to best use the data to identify the instructional strategies to obtain the goal of proficiency appropriate for each grade level. The data sources utilized will include: formative and summative assessments, perception data, and standardized tests. This information will allow the making of informed decisions concerning both advanced students and students who need remediation. Teachers will progress monitor students using pre- and post-tests, and a student achievement data tracker to progress monitor student performance. The data team leader will help to facilitate and monitor the progress of student performance. The data team will do the following:

- Make data discussion a function of the departments to analyze data by grade level, content area, and school-wide
- Design Data Walls
- Communicate Standardized Testing results to staff in a timely manner to drive instruction and students & parents to inform families of individual growth.
- Consistent use of formative and summative assessments

Category: Social Studies

Research Cited: Bambrick-Santoyo, P. (2010). *Driven By Data: A Practical Guide to Improve Instruction*. San Francisco, CA: John Wiley & Sons Inc. The Learning and Learning Center. (2010). *Data Teams Training Manual*, 3rd Edition, Englewood, CO. Lead + Learn Press.

Tier: Tier 1

Activity - Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p> <p>Schools: Academy for Business and Technology High School</p>	Teacher Collaboration	Tier 1	Implement	09/05/2017	06/29/2018	\$0	No Funding Required	School Leader, Instructional Coach, Teachers & Support Staff
---	-----------------------	--------	-----------	------------	------------	-----	---------------------	--

Activity - Data Analysis Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning.</p> <p>Schools: Academy for Business and Technology High School</p>	Professional Learning	Tier 1	Implement	08/22/2016	06/30/2017	\$570	Title II Part A, Title II Part A	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

Activity - Teaching the Common Core State Standards	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100).</p> <p>The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p> <p>Schools: Academy for Business and Technology High School</p>	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$13652	Title I Schoolwide , Title I Schoolwide	Instructional staff, instructional coach, school leader
Activity - Common Core Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District Improvement Plan

Academy for Business and Technology

The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The mathematics staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community (\$66).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$226	Title II Part A	Instructional staff, instructional coach, school leader
Schools: Academy for Business and Technology High School								

Activity - Content Area Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials. (\$1200)	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$500	Title I Schoolwide	Instructional staff, instructional coach, school leader
Schools: Academy for Business and Technology High School								

Activity - Administration Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1500	Title I Schoolwide	Administration Team
Schools: Academy for Business and Technology High School								

Strategy 4:

Revise the Full Inclusion Special Education Program - The special education team will work collaboratively with the general education teachers to increase the academic success of all special education students.

Category: Social Studies

Research Cited: Issues Facing the Field of Learning Disabilities. Learning Disability Quarterly. February 1, 2000: 37-50.

Tier: Tier 3

Activity - Special Education and General Education Collaboration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process	Tier 3	Implement	09/05/2017	06/30/2018	\$0	No Funding Required	School leader, instructional coach, teachers and support staff
Schools: Academy for Business and Technology High School								

Activity - Use of Special Education Support Staff	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
---	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$30000	Special Education	School leader, instructional coach, general education and special education staff
---	--------------------------	--------	-----------	------------	------------	---------	-------------------	---

Activity - Professional Development on Inclusion in Middle and High School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All staff will receive inclusion professional development throughout the school year (on-site or off-site.) Schools: Academy for Business and Technology High School	Professional Learning	Tier 3	Implement	08/21/2017	06/30/2018	\$0	No Funding Required	School leader, instructional coach, general and special education staff

Activity - Academic Lab	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulatives, technology and supplies. Schools: Academy for Business and Technology High School	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$600	Special Education	School leader, special education teaching staff

Strategy 5:

MSHS Alignment of curriculum, instruction, assessment - It will drive instruction by providing a link between content standards and student achievement, allowing for targeted interventions and support for all Tier levels.

Category: Social Studies

Research Cited: <http://www.naiku.net/category/we-are-naiku/>

Tier: Tier 1

District Improvement Plan

Academy for Business and Technology

Activity - Curriculum Instruction and Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards). Schools: Academy for Business and Technology High School	Curriculum Development, Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$750	Title I Schoolwide	Instructional Staff, Instructional Coach, School Leader

Activity - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth. Schools: Academy for Business and Technology High School	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Title I Schoolwide	Instructional Coach

Strategy 6:

MSHS Assisting in the planning, implementing, monitoring, and evaluating of school-wide improvement strategies - The coach will promote a knowledge base of effective strategies, assist in on-site professional learning, and participate in on-going and extensive professional development.

Category: Social Studies

Tier: Tier 1

Activity - School Improvement Coach	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school improvement coach will provide assistance to the academy's School Improvement Team in planning, implementing, monitoring and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs. Schools: Academy for Business and Technology High School	Curriculum Development, Policy and Process	Tier 1		08/21/2017	06/30/2018	\$19500	Title I Schoolwide	School Leader, Instructional Coach, Leadership Team

Measurable Objective 3:

A 10% increase of Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade Students with Disabilities students will demonstrate a proficiency on the state assessment in Social Studies by 06/30/2018 as measured by M-STEP, SAT/MME, Other State Assessment, ILC Post Tests, and other formative and summative assessments..

District Improvement Plan

Academy for Business and Technology

Strategy 1:

Clear learning objectives - Setting clear learning objectives for all students, including special education students.

Category: Social Studies

Research Cited: Marzano's high yield strategies

Tier:

Activity - Collaboration with general education teacher and special education teacher	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Teacher Collaboration	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$0	Title I Schoolwide	School Leader, Instructional Coach, Instructional Staff
Schools: Academy for Business and Technology High School								

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Title I Schoolwide

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Monitoring (elementary)	The pupil accountant will keep records of the status of students and report to the homeless liaison if a student becomes homeless. Both will then monitor the student's attendance, academics, and behavior and refer the student to the appropriate staff member if needed.	Direct Instruction	Tier 1	Implement	07/01/2017	06/30/2018	\$0	pupil accountant, school leader, social worker, instructional coach
MSSH Inquiry-based Science Instruction	Using data from science benchmarks, the school leader along with the staff will select and purchase scientific related resources to address the areas of concern. Science kits, live animals, leveled readers, additional science lab materials will be purchased to transform our science class offering inquiry based and hands-on instruction dependent upon the Michigan Science Standards or NGSS.	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$8500	School leader, instructional coach, science staff
Increase of Engagement Strategies in Classroom (elementary)	Students will make connections to real life in when making connections to literature of all genres to increase understanding when viewing videos, movies and simulations related to prior knowledge and introducing new concepts in reading and writing with United Streaming (can be used in all content areas).	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$1000	School leader, instructional coach and instructional staff
High Touch High Tech (elementary)	Through discovery style learning and inquiry based dialogue, the students are engaged in exciting science projects that encourage them to explore the many wonders of science. This company comes to the school and bring the science experiments.	Field Trip, Academic Support Program	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$5000	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Earth Day (elementary)	Students will participate in an Earth Day activities such as but not limited to a poster competition, planting flowers, cleaning up the school grounds, etc..	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$750	Instructional Staff, Instructional Coach, School Leader, Science Committee
Increase Exposure to Informational Text	Students will build stamina when reading longer passages that are similar to the passages present on standardized statewide test and curriculum assessments and receive more literature on topics that they might not have been exposed to in the past that often contributes to them losing interest and decrease in comprehension. The informational text will integrate STEM concepts and offer core content while relating material to real world concepts.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$8000	School leader, coach and staff
Monitor of Instructional Coach (elementary)	The coach will give weekly feedback on lesson plans, model lesson delivery, and monitor the fidelity of which teachers have planned for D.I. in their lesson planning. Various sources of data will be analyzed to the determine the effectiveness of the strategies being utilized in the classroom.	Policy and Process	Tier 1	Monitor	09/05/2017	06/29/2018	\$144000	Leader, Instructional coach and teacher
Preparing Students for College and Career Readiness	A guidance counselor will assist students with college preparation and provide them with information regarding career readiness	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30372	School leader, guidance councilor and a dropout prevention specialist
After School and Summer School Tutoring/Credit Recovery	The after-school tutoring/credit recovery program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school/credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/30/2018	\$1955	School leader, instructional coach and instructional staff
Promote Literacy Through Movement (elementary)	Economically disadvantaged students will engage in dramatic play, singing and drawing to create higher interest for various genres of literature.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$1500	School leader, coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Trade Book for Events (elementary)	To help promote reading outside of the classroom, high interest trade books will be given to students through out the school year. These books can be purchased through but not limited to Scholastic Book Orders, Scholastic Warehouse Sale, book sales, etc.	Parent Involvement	Tier 3	Implement	09/05/2017	06/29/2018	\$4000	Reading Specialist, RtI Interventionist, Instructional Staff, Instructional Coach, School Leader
------------------------------------	--	--------------------	--------	-----------	------------	------------	--------	--

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$15828	Instructional staff, instructional coach, school leader
--	---	--------------------	--------	-----------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

	instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.							
Curriculum Instruction and Assessment	Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards).	Curriculum Development, Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$750	Instructional Staff, Instructional Coach, School Leader
Tier I - Professional Development	Instructional staff will understand class differences and strategies for effective tier 1 instruction. They will learn how to create a classroom of mutual respect and guidance.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$550	School leader, instructional coach, instructional staff
Monitoring	The dropout prevention coordinator will keep records of the status of students and report to the homeless liaison if a student becomes homeless. Both will then monitor the students attendance, academics, and behavior and refer the student to the appropriate staff member if needed.	Academic Support Program, Recruitment and Retention	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$1000	School Leader, Dropout Prevention Coordinator, and Homeless Liaison.
Professional Development	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Instructional Coach

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT/MME & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. The science/health department will purchase and use various forms of literature for example magazines,books, journals and ect to help build literacy skills and content understanding of students. These resources could be in print and/or digital forms. Subscriptions need to be purchased for all-content areas to help implement this activity. M-step/SAT/MME preparation will occur throughout the year in content classes as well as Test Prep. Teacher will utilize various online programs, other software applications, or various printed test prep materials to prepare students.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$5700</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	--	---------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

Science Assembly (elementary)	Students will participate in a science related assembly such as but not limited to endangered species, environment, wild life, habitat, etc.	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$5000	Science Committee, Instructional Staff, Instructional Coach, School Leader
Real Life Connections (elementary)	Students will learn science concepts and skills that involve real life applications and relevant experiences to activate prior knowledge and help retention of science knowledge. Staff may utilize resources similar to United Streaming clips, Interactive Science online resources and various media (like but not limited to: Science A-Z, Brain Pop, and Brain Pop Jr.) to help to implement this concept.	Technology , Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$2000	Classroom Teachers, Tutors, Instructional Coach and Principal

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$100	Instructional coach, instructional staff, school leader
--	---	--------------------	--------	---------	------------	------------	-------	---

District Improvement Plan

Academy for Business and Technology

	<p>instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p>							
Content Area Reading	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will be accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Magazine subscriptions will be purchased for all-content areas to help implement this activity. A high school test prep class is in place to prepare sophomores and juniors for the state assessment in April.</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$500	Instructional staff, Instructional Coach, School Leader
School Data Analysis (elementary)	<p>Data teams will use a variety of data sources to analyze and assist in monitoring student/school progress. Paper is needed for analyzing.</p>	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Instructional Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Science Night (elementary)	An instructional and social gathering conducted by the School Leader, Instructional Coach, and the Science Committee which will provide instructional materials to support student learning objectives.	Community Engagement, Academic Support Program	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$600	Instructional Staff, Instructional Coach, School Leader, Science Committee
Planning with and use of Title I Paraprofessional	An interventionist will use the data gathered by the RtI team to target and assist with individual student needs. Grouping will be flexible. The interventionist will assist students with additional materials needed to address learning gaps. The students' progress will be monitored and reported back to the classroom teachers and the RtI team.	Academic Support Program	Tier 1		08/21/2017	06/30/2018	\$35700	Intervention aide, Instructional Coach, School Leader
MSHS Math Coach	A Math coach will be contracted to provide job-embedded professional development to teachers in best practices for mathematics instruction. This will be done through the use of instructional learning cycles. The Math coach will meet with teachers during staff and grade level meetings to discuss depth of knowledge, common assessments and highly effective teaching strategies. Math coach will observe instruction in the classroom to guide the processes and provide feedback to impact student learning.	Curriculum Development, Walkthrough, Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$15914	School Leader, Instructional Coach
Strategic Planning of Support from Title I staff (elementary)	Students will receive on a daily basis extended learning opportunities from Title I teachers as a response to examination of their scores from universal screeners, diagnostic tools and progress monitoring tools. Title teachers will work with general education/classroom teachers to create a plan that will guide the students in increasing comprehension, fluency, phonemic awareness and other areas of difficulty that students experience in reading.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$161000	School leader, instructional coach, Title I teachers

District Improvement Plan

Academy for Business and Technology

After School tutoring and Summer School tutoring/Credit Recovery	The after-school tutoring program/credit recovery will take place 2 days a week throughout the school year. A Department-wide tutoring volunteer program will take place during the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school, summer school and credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$2700	School leader, Instructional coach, Instructional Staff
--	---	--------------------------	--------	-----------	------------	------------	--------	---

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$100	Instructional staff, instructional coach, school leader
--	---	--------------------	--------	-----------	------------	------------	-------	---

District Improvement Plan

Academy for Business and Technology

	instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.							
Professional Development for Motivating High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$1100	School leader, instructional coach, instructional staff
Promethean Planet Integration (elementary)	Use Promethean Planet to show video clips, use flip charts and graphic organizers to motivate and engage students to write in Social Studies. Some Promethean Boards need to have speakers, pens and projectors maintained/replaced annually.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$5000	Classroom Teachers, Instructional Coach, Principal
Professional Development - Naiku	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Instructional Coach
Cooperative Groups (elementary)	Teachers will provide students at all grade levels with regular opportunities to do cooperative group projects where the students carry out the scientific method using hands-on manipulatives through investigations. Intervention materials will include, but not limited to, center based lab materials and guided reading integration for tier 2 and 3 students as well as ELL students. The interactive notebooks and online interactive components will be utilized as well to help engage all learners through STEM education.	Materials	Tier 1	Monitor	09/06/2016	06/23/2017	\$16000	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

School Improvement Coach	The school improvement coach will provide assistance to the academy's School Improvement Team in planning, implementing, monitoring and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs.	Curriculum Development, Policy and Process	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	School Leader, Instructional Coach, Leadership team
Motivation for Writing (elementary)	Teachers will celebrate writing through a variety of activities during the year. (e.g. author studies, poetry month, writing contest, Write-A-Thon, Publishing Parties, etc.)	Direct Instruction, Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Reading Specialist, Instructional Coach, Principal
Assistance for Struggling Readers (elementary)	Teachers and Reading/Language Interventionists will assist struggling readers through targeted classroom interventions and guided reading pull-outs (focusing on fluency, decoding, and comprehension skills), utilizing educational technology to the maximum extent. (Resources include but are not limited to: copy paper to print books, RAZ Kids Subscription, Reading A-Z Subscription, Moby Max, and Tumblebooks)	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$5000	Principal, All Teachers, Reading Interventionist, Instructional Support Staff, Instructional Coach
Use of Evidence Based Strategies to Support D.I. (elementary)	After implicit lesson planning from the teacher to reach the needs of the learners, the students will demonstrate understanding of concepts through use of various manipulatives, technology and the integration of literature with math to make connections to real life.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$3000	School leader, instructional coach and instructional staff
After School and Summer School Tutoring/Credit Recovery	The after-school tutoring/credit recovery program will take place 2 days a week throughout the school year. A Department-wide tutoring volunteer program will take place during the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school, summer school, and credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$972	Instructional staff, instructional coach, support staff, school leader

District Improvement Plan

Academy for Business and Technology

Effective Tier II and Tier III Instruction	<p>The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$).</p> <p>A basic math course is in place for tier II and tier III students. Students will be chosen from the newly enrolled ABT high school students who score in the lowest 25% of their respective class on the NWEA, a nationally-normed test. By using the data from the NWEA results, staff will be able to identify students who need more instruction, presented in different ways, to acquire needed computational and problem-solving skills to be successful in higher level math classes. All the new students will take a placement test before the first day of the school year so they will be placed in the math class that best matches their computational and problem-solving skills. Two Title I teachers (\$39,535) will be needed to staff the basic math classes.</p>	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30000	Instructional Staff, Instructional Coach, School Leader
Tier I - Professional Development	Instructional Staff will understand what best practices are strategies for effective tier 1 instruction.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$550	School leader, instructional coach, instructional staff

District Improvement Plan

Academy for Business and Technology

Professional Development for Motivating High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$400	School leader, instructional coach, instructional staff
Professional Development	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Instructional Coach
Use More Math Academic Vocabulary (elementary)	The instructional staff will promote the use of academic vocabulary with test taking skills and problem solving when teaching the common core. Daily review and introduction of academic vocabulary will be a component of each lesson and monitored during walkthroughs to assist teachers with modeling of lessons and ensure students are being exposed to the vocabulary.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	School leader, coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Discovery Learning and Read World Application	<p>Time will be devoted in every math classroom for student discovery of math concepts and real-world applications. Every math unit will incorporate time for student discovery. Teachers will need manipulatives, measuring tools, and technology to give students opportunities to experiment with, and make conclusions about, math facts and concepts (\$4865). Math teachers will incorporate real-world applications into every math unit. The math department and instructional coach will meet every month to determine the effectiveness of the use of discovery and real-life applications in their math classes. Effectiveness will be determined by results of daily problem, discussions with support staff and summative chapter assessments. Results will be shared with the school leader. STEM classes are geared to increase the students' interest in science, technology, engineering, and math. The classes are hands-on to show students how technology is used in engineering to solve everyday problems. Students will learn and apply design process, acquire strong teamwork and communication proficiency, and develop organizational, critical thinking, and problem-solving skills. Focus is on teaching students to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The STEM classes will require supplies in order to create hands-on learning opportunities (\$655).</p>	Direct Instruction	Tier 1		09/05/2017	06/30/2018	\$5520	Instructional Staff, Instructional coach, School Leader
After School Tutoring (elementary)	<p>The school will offer a free after-school tutoring program, focusing on improving reading skills to students who are reading below grade level, especially for low-achieving subgroups.</p>	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$20000	Principal, Instructional Coach, After School Tutors

District Improvement Plan

Academy for Business and Technology

Intervention Mathematics Teacher (elementary)	The school will employ an intervention mathematics teacher to work with students who are below grade level in mathematics and who are at-risk of failure based on NWEA and any state assessments.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$29581	Instructional Support Staff, Instructional Coach, Principal
Author Study (elementary)	Teachers will provide opportunities for students to study and learn about different authors of children's books during the year and through an Author Study during Reading Month. Each classroom will create a report which they will display on their door during Reading Month. (For example but not limited to Butcher block paper, copy paper, construction paper and other supplies are needed)	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$500	All teachers, Rtl Interventionist, Reading Specialist, Instructional Coach, Principal
Summer Specially Designed Program (elementary)	The school will offer a free five (5) week summer academic program focusing on improving reading skills for students who are below grade level along with science, technology and mathematics integration. Resources included, but not limited to STEM.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$20000	Principal, Instructional Coach, Summer Program Instructors

District Improvement Plan

Academy for Business and Technology

<p>Teaching the Common Core State Standards (elementary)</p>	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), This will be accomplished by using the Learning Focused model. This model is being used to translate the standards into learning. By focusing on continuous improvement, the Learning Focused model will assist the staff in the employment of exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop student learning maps that provide a focus for teacher planning and clearly communicate the expected learning to students. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will create student learning maps. These maps will be derived from the academy's standards driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the student learning maps will provide a consistent access to the standards and the curriculum throughout the school. This activity will be monitored by the instructional coach and school leader and will be evidenced by the submission of student learning maps, along with lesson plans that follow them. 	<p>Direct Instruction</p>	<p>Tier 1</p>		<p>09/05/2017</p>	<p>06/29/2018</p>	<p>\$13000</p>	<p>Instructional staff, instructional coach, school leader</p>
<p>Problem Solving Strategies (elementary)</p>	<p>Students will take part in regular activities that involve problem solving strategies using scientific reasoning and application of the scientific method. They will solve open-ended problems and extended problem-solving projects that involve relevant and/or real-life situations on a regular basis (at least biweekly). Annually, Interactive Science refill kits will be purchased to help engage the students in better writing.</p>	<p>Academic Support Program</p>	<p>Tier 1</p>	<p>Monitor</p>	<p>09/05/2017</p>	<p>06/29/2018</p>	<p>\$9000</p>	<p>Teachers, Instructional Support Staff, Instructional Coach, Principal</p>

District Improvement Plan

Academy for Business and Technology

Use of General Budget & Grant Funded Support Staff to Deliver Targeted Interventions (elementary)	Students will receive more targeted instruction for science from support 31a staff such as 31a teachers and 31a instructional aides/paraprofessionals on more of a continuous basis. Use 31a funds or Title I funds for support staff and materials necessary to carry out a functional STEM special class.	Academic Support Program	Tier 1	Implement	08/14/2017	06/29/2018	\$20000	School leader, coach, instructional staff
Professional Development-PLC Books (elementary)	The Academy will utilize several PLC book reads that will focus on various research based topics, such as but not limited to guided reading groups, data analysis, closed reading, etc.	Professional Learning	Tier 1	Implement	08/14/2017	06/29/2018	\$1200	All Instructional Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$6029</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$12000</p>	<p>Instructional staff, instructional coach, school leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	----------------	--

District Improvement Plan

Academy for Business and Technology

Effective Tier II and Tier III Instruction	The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$).	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$900	Leader, coach and instructional staff
Science A-Z Integration (elementary)	Teachers will utilize this computer generated tool to engage students into science through technology and reading, such as but not limited to Science A-Z. The activities and center ideas will be utilized throughout the grade levels.	Technology , Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$680	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>Effective Tier II and Tier III Instruction</p>	<p>The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$). A basic math course is in place for tier II and tier III students. Students will be chosen from the newly enrolled ABT high school students who score in the lowest 25% of their respective class on the NWEA, a nationally-normed test. By using the data from the NWEA results, staff will be able to identify students who need more instruction, presented in different ways, to acquire needed computational and problem-solving skills to be successful in higher level math classes. All the new students will take a placement test before the first day of the school year so they will be placed in the math class that best matches their computational and problem-solving skills. Two Title I teachers (\$39,535) will be needed to staff the basic math classes.</p>	<p>Academic Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$1706</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>
---	--	---------------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

<p>Administration Professional Development</p>	<p>The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Implement</p>	<p>08/21/2017</p>	<p>06/30/2018</p>	<p>\$1500</p>	<p>Administration Team</p>
<p>Effective Tier I Instruction</p>	<p>As a school, student-centered teaching for learning will become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. The science department will utilize the Rubicon Atlas or NGSS compatible curriculum to teach students about the world around them through science. The teachers will need the necessary materials to implement effective tier I instruction and learning centers. These include: activities, games, and manipulative materials</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>08/21/2017</p>	<p>06/30/2018</p>	<p>\$1706</p>	<p>School leader, coach, general education and special education teachers</p>

District Improvement Plan

Academy for Business and Technology

Collaboration between Special Education Teachers and MSHS General Education Staff	Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Academic Support Program		Getting Ready	09/05/2017	06/30/2018	\$0	Special education and general education staff
Tier I - Professional Development	Instructional Staff will understand what best practices are strategies for effective tier 1 instruction.	Professional Learning	Tier 1		08/21/2017	06/30/2018	\$550	School leader, instructional coach, instructional staff
Effective Tier II and Tier III Instruction	The instructional staff will use formative and summative assessments as well as the academy's benchmark assessments to target areas of academic weakness. This data will guide the decision-making process when determining which students may need interventions.	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$1706	Instructional staff, instructional coach, school leader
Effective Tier I Instruction	As a school, student-centered teaching for learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. The science department will utilize the Rubicon Atlas or NGSS compatible curriculum to teach students about the world around them through science. The teachers will need the necessary materials to implement effective tier I instruction and learning centers. These include: activities, games, and manipulative materials	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$1832	School leader, coach, general education and special education teachers

District Improvement Plan

Academy for Business and Technology

MSHS Curriculum Instruction and Assessment	Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards/NGSS).	Direct Instruction	Tier 1		09/05/2017	06/30/2018	\$0	School leader, instructional coach, instructional staff
Instructional Coach (elementary)	The Instructional Coach will work with teachers on improving classroom instruction, data analysis, lesson planning and implementation in order to improve classroom achievement.	Academic Support Program	Tier 1	Monitor	07/01/2017	06/30/2018	\$75280	Principal, Instructional Coach
Effective Tier I Instruction	As a school, student-centered teaching for learning will become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon and Engaged NY for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and learning centers. These include: activities, games, and manipulative materials. Using summative assessments, formative assessments, benchmark data, and online assessment programs the mathematics department will create a list of skills that each student has a deficit in and in conjunction with the Common Core State Standards focus on these.	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1832	Instructional Staff, Instructional Coach, School Leader
After School and Summer School Tutoring/Credit Recovery	The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school/credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$733	Instructional Staff, Interventionist, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$8500</p>	<p>Instructional staff, instructional coach, school leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

Effective Tier I Instruction	As a school, station-based learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and stations. These include: activities, games, and manipulative materials (\$1259).	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1259	School leader, coach, general education and special education teachers
------------------------------	---	--------------------	--------	-----------	------------	------------	--------	--

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$1212</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>
<p>Utilize Online Resources (elementary)</p>	<p>Teachers will use the computer based tool to offer additional support for our daily science instruction. The assignments for science will be completed on the computer monthly during computer lab time, such as but not limited to Curriculum Crafter (KC4) assessments, and Pearson Interactive Science assessments will monitor progress of students.</p>	<p>Technology , Academic Support Program</p>	<p>Tier 2</p>	<p>Monitor</p>	<p>09/05/2017</p>	<p>06/29/2018</p>	<p>\$1000</p>	<p>Teachers, Instructional Support Staff, Instructional Coach, Principal</p>

District Improvement Plan

Academy for Business and Technology

Effective Tier II and Tier III Instruction	The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$).	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$1706	Leader, coach and instructional staff
Classroom and Community (elementary)	Social Studies lessons/activities will involve active participation in the classroom and the wider community as often as possible. The teachers will use programs like but not limited to Virtual Field Trips (www.si.edu), Channel One or History Alive. The teachers may also use resources similar to but not limited to Studies Weekly to help integrate current events in a cross curricular way.	Materials	Tier 1	Implement	09/05/2017	06/29/2018	\$3000	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal
Collaboration between Special Education Teachers and MSHS General Education Staff	Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Academic Support Program		Getting Ready	09/05/2017	06/30/2018	\$0	Special education staff, general education staff

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. The ELA department would like to purchase online database subscriptions for academic journals. This will benefit students as they conduct research projects (\$300). Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted the throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$3200</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	---	---------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

	purchase of test prep books and materials. (\$1200)							
MSHS School Improvement Coach	The school improvement coach will provide assistance to the academy's School Improvement team in planning, implementing, monitoring, and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs. The coach will promote a knowledge base of effective strategies, assist in on-site professional learning, and participate in on-going and extensive professional development.	Policy and Process	Tier 1	Implement	09/05/2017	06/30/2018	\$15000	School Improvement Team
Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations for all, create a climate that is conducive to learning, cultivate leadership in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1500	Administration
Informational Text Cross Curricular Integration (elementary)	Utilize our trade books and Science A-Z, Reading A-Z, Teacher's Studies Weekly and Scholastic News to integrate informational text into all other areas of instruction.	Academic Support Program	Tier 1	Monitor	09/01/2017	06/29/2018	\$800	Reading Specialist, Teachers, Instructional Coach, Principal
After School Tutoring (elementary)	The school will offer a free after school tutoring program two (2) days a week, focusing on improving mathematics skills for students that are below grade level.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$18002	Teachers, Tutors, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>Effective Tier II and Tier III Instruction</p>	<p>The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$). A basic math course is in place for tier II and tier III students. Students will be chosen from the newly enrolled ABT high school students who score in the lowest 25% of their respective class on the NWEA, a nationally-normed test. By using the data from the NWEA results, staff will be able to identify students who need more instruction, presented in different ways, to acquire needed computational and problem-solving skills to be successful in higher level math classes. All the new students will take a placement test before the first day of the school year so they will be placed in the math class that best matches their computational and problem-solving skills. Two Title I teachers (\$39,535) will be needed to staff the basic math classes.</p>	<p>Academic Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$750</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>
---	--	---------------------------------	---------------	------------------	-------------------	-------------------	--------------	--

District Improvement Plan

Academy for Business and Technology

Parent/Community Involvement (elementary)	The school will provide a variety of activities during the school year that incorporate the interaction between and with parents/community members in order to impact student reading proficiency. (This includes but is not limited to: Refreshments and Incentives for Annual Title I Night, Reading Night using Learning Gizmos, Reading Workshop for Parents) Students will perform community service such as reading to the animals at the Dearborn Animal Shelter and the senior citizens at Oakwood Commons in Dearborn throughout the school year for community service hours.	Parent Involvement	Tier 1	Monitor	09/05/2017	06/29/2018	\$1000	Literacy Committee, Reading Specialist/Interventionists, Instructional Coach, Principal
Online Computer Applications (elementary)	Teachers will provide students with time to access online computer applications such as but not limited to Moby Max and Raz Kids on a weekly basis.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	All teachers, instructional coach
MSHS Curriculum Instruction and Assessment	Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards).	Curriculum Development, Technology	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$1500	School leader, instructional coach, instructional staff
Monitoring	The dropout prevention coordinator will keep records of the status of all students and report to the homeless liaison if a student becomes homeless. Both will then monitor the student's attendance, academics, and behavior and refer the student to the appropriate staff member if needed.	Academic Support Program, Recruitment and Retention	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	School Leader, Dropout Prevention Coordinator, and Homeless Liaison.
Curriculum Crafter (elementary)	Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$850	Instructional Staff, Instructional Coach, Principal
Professional Development-Science Standards (elementary)	Staff members will attend a professional development session on interactive science and the Next Generation Science Standards that Michigan has adopted.	Professional Learning	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$5000	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

<p>Collaboration with general education teacher and special education teacher</p>	<p>Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Getting Ready</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>School Leader, Instructional Coach, Instructional Staff</p>
<p>Instructional Best Practice (elementary)</p>	<p>To ensure effective integration of technology, iPads or Chromebooks will be available for classroom activities as needed by teachers. Students will have access to the school computer lab, laptop cart, desktops in classrooms, and the iPad or Chromebook carts as needed by teachers. In addition, printers and ink will be needed.</p>	<p>Technology</p>	<p>Tier 1</p>		<p>09/05/2017</p>	<p>06/29/2018</p>	<p>\$20000</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$100	Instructional Staff, Instructional coach, School Leader
--	---	--------------------	--------	---------	------------	------------	-------	---

District Improvement Plan

Academy for Business and Technology

	<p>instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p>							
<p>After School and Summer School Tutoring/Credit Recovery</p>	<p>The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school/credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.</p>	<p>Academic Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$250</p>	<p>Instructional Staff, Interventionist, Instructional Coach, School Leader</p>

District Improvement Plan

Academy for Business and Technology

<p>Real World Learning and Discovery</p>	<p>Students participate in a hands-on lab to apply what they learned for that topic's direct instruction. Labs reinforce student learning through performance-oriented critical thinking skills. This will support differentiated instruction as described in the transformation / redesign plan for the school. The science lab facilities will need to be updated for safety. This will require the purchase of lab, health and safety equipment. (\$3471) Science department staff will monitor proficiency of students through lab performance to determine if learning objectives have been met, and where modifications to instructional techniques and procedures are required. This supports data driven instruction as contained in the school's master plan. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards/NGSS, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs. Every unit will integrate a real-world application where the student can connect the science concept addressed in the unit to the world around them. In order to make these real world connections, the students will have the opportunity to take field trips, in order to participate in cross-curricular activities and build real world connections for students. Every unit will also offer the opportunity for students to construct their own knowledge by teacher-guided inquiry, where the student builds new knowledge from what they already know. Students are</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$4126</p>	<p>Science department staff, academic coach, school leader, support staff.</p>
--	---	---------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

	<p>Students are able to build on prior knowledge and develop the new science concept presented through hands-on activities that will enable them to make the connection to their own world. Concepts selected for the discovery method will be determined through analysis of pre-assessment results as prescribed by the transformation / redesign plan. STEM classes are geared to increase the students' interest in science, technology, engineering, and math. The classes are hands-on to show students how technology is used in engineering to solve everyday problems. Students will learn and apply design process, acquire strong teamwork and communication proficiency, and develop organizational, critical thinking, and problem-solving skills. Focus is on teaching students to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The STEM classes will require supplies in order to create hands-on learning opportunities (\$655). Formative assessment will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessment strategies. Common assessments, report cards, and standardized tests will be analyzed to report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement learning stations. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based</p>							
--	--	--	--	--	--	--	--	--

District Improvement Plan

Academy for Business and Technology

	be based on Michigan content standards, the MAISA units, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.							
Instructional Best Practice (elementary)	To ensure effective integration of technology, iPads or Chromebooks will be available for classroom activities as needed by teachers. Students will have access to the school computer lab, laptop cart, desktops in classrooms, and the iPad or Chromebook carts as needed by teachers. Students will use the technology to do research for papers/projects, take assessments, and for STEM education.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$15000	Instructional Staff, Instructional Coach, School Leader
Vocabulary Activities (elementary)	Teachers will include vocabulary activities in their weekly plans for students to complete and they will increase the use and emphasis on science vocabulary during instruction time. Activities will be sufficiently diversified so as to address the needs of all learning types, as well as English Language Learners and students with disabilities. Teachers will utilize the key vocabulary lists in the Curriculum Crafter. Teachers will be required to keep a science word wall with current key vocabulary based on units of study.	Direct Instruction, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$500	All Teachers, Instructional Support Staff, Instructional Coach, Principal
School Improvement Coach - MSHS	The school improvement coach will provide assistance to the academy's School Improvement team in planning, implementing, monitoring, and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs. The coach will promote a knowledge base of effective strategies, assist in on-site professional learning, and participate in ongoing and extensive professional development.	Policy and Process	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	School improvement team
Daily Practice of Basic Mathematics Skills (elementary)	Teachers will provide opportunities for students to take part in daily interactive practice of basic mathematics skills appropriate for each level using the Promethean resource packs, such as but not limited to Promethean Planet. Updating Promethean products such as but not limited to cleaning and maintenance protects, projectors, speakers, bulbs, cords, etc.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	Classroom Teachers, paraprofessionals

District Improvement Plan

Academy for Business and Technology

Daily Reading to Students (elementary)	Teachers, para-educators, and/or other adults will read aloud to students daily, incorporating thinking-aloud strategies to help increase comprehension and to model good reading skills. Teachers should utilize 10 minutes a day reading out loud to their students either after lunch or the last 10 minutes of the day. (Including guest readers, book giveaways, leveled trade books for each classroom)	Curriculum Development	Tier 2	Monitor	09/05/2017	06/29/2018	\$1000	All Teachers, paraeducators, Reading Interventionist, Instructional Coach, Principal
--	---	------------------------	--------	---------	------------	------------	--------	--

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$100	Instructional staff, instructional coach, school leader
--	---	--------------------	--------	-----------	------------	------------	-------	---

District Improvement Plan

Academy for Business and Technology

	instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.							
Monitoring	The dropout prevention coordinator will keep records of the status of all students and report to the homeless liaison if a student becomes homeless. Both will then monitor the student's attendance, academics, and behavior and refer the student to the appropriate staff member if needed.	Academic Support Program, Recruitment and Retention	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$0	School Leader, Dropout Prevention Coordinator, and Homeless Liaison.
Curriculum Crafter (elementary)	Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$850	Instructional Staff, Instructional Coach, Principal
Classroom Computer Lab (elementary)	A classroom teacher will integrate all core content areas of instruction using technology for each grade level at minimum once weekly. Each classroom will have a wall mounted and security charging station for laptops.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$9000	Technology Teacher, Classroom Teacher, Instructional Coach, Principal
Motivation for Reading (elementary)	Teachers will provide students with various activities to promote reading, such as but not limited to School-wide Read In, School-wide Buddy Reading, School-wide DEAR, Reading Month Kick-Off activities, etc.	Academic Support Program	Tier 1	Getting Ready	01/08/2018	04/27/2018	\$500	Reading Specialist, RtI Interventionist, Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Common Core Professional Development	The staff will receive training on how to best implement the common core state standards/NGSS in their classrooms. These materials and professional developments will focus on Inquiry-based learning and instruction/assessment aligned with NGSS. This is essential for the M-Step conversion to NGSS by 2018. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards/NGSS. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The staff will study the content area text to study in a professional learning community (\$66).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$226	Instructional staff, instructional coach, school leader
--------------------------------------	--	-----------------------	--------	-----------	------------	------------	-------	---

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. The ELA department would like to purchase online database subscriptions for academic journals. This will benefit students as they conduct research projects (\$300). Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted the throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$1200</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	---	---------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

	purchase of test prep books and materials. (\$1200)							
Allocate Science Resources for Interventions and Use with Fidelity (elementary)	Using data from Science benchmarks, the leader along with staff will select and purchase scientific related resources to address the areas of concern. Science kits, live animals, leveled readers, additional science lab materials will be purchased to transform our science classes offering inquiry and STEM concepts based on the Next Generation Science Standards.	Supplemental Materials	Tier 1	Getting Ready	08/14/2017	06/29/2018	\$20000	School leader, instructional staff and coach
Supplemental Writing Resources/Materials (elementary)	The staff selected supplemental materials to help support the core and WriteSteps and address the foundational skills that the students lack to help promote proficiency on all local and statewide testing.	Supplemental Materials	Tier 2	Implement	09/05/2017	06/29/2018	\$1000	School leader, instructional coach, instructional staff
Tier Time Reading Specialist (1) & Reading Interventionists (1) (elementary)	The school will establish a daily schedule to ensure a block of time is available for teachers to integrate reading and writing across core instruction through activities. This time will be called Tier Time and the Reading Interventionist will push into the classroom and work with tier 2 children who need additional interventions. The Reading Specialist will pull tier 3 students out for additional interventionist during this tier time or during their special classes. The Reading Specialist will also assist teachers with reading instruction, remediation, and assessment for our low performing readers	Academic Support Program	Tier 3	Monitor	08/14/2017	06/29/2018	\$55000	Reading Specialist, Teachers, Reading Interventionist, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$12000</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	----------------	--

District Improvement Plan

Academy for Business and Technology

<p>Monitoring Student Behavior and Support of Expectations</p>	<p>Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).</p>	<p>Behavioral Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2016</p>	<p>06/30/2017</p>	<p>\$9070</p>	<p>School leader, instructional coach, teachers, behavior counselor/director of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison</p>
--	---	-----------------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$6029</p>	<p>Instructional staff, instructional coach, school leader</p>
<p>Curriculum, instruction and assessment</p>	<p>Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards, Michigan Science Standards, and Social Studies Standards).</p>	<p>Academic Support Program</p>	<p>Tier 1</p>	<p>Getting Ready</p>	<p>08/21/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>

District Improvement Plan

Academy for Business and Technology

Curriculum Crafter (elementary)	Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$750	Instructional Staff, Instructional Coach, Principal
enVision MATH (elementary)	Teachers and instructional support staff will use enVision MATH to develop computational fluency, algebraic thinking, problem solving and analyzing fraction concepts. This supplemental program offers technology interactive integration along with manipulative kits that offers a more hands-on approach to supplement our mathematics curriculum. (online component and teacher/student resources). Also includes kits for differentiated centers to offer additional support in mathematics through D.I. pre-planned centers. Purchase consumables annually.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$10000	Teachers, Instructional Staff, Instructional Coach, Principal
Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations for all, create a climate that is conducive to learning, cultivate leadership in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$3000	Administration
Annual Publishing of Writing (elementary)	All students will be expected to publish an individual writing piece annually at a minimum. Publishing Day will celebrate our young authors. (Copy paper, binding materials, stickers, glue, markers, crayons, etc. are needed)	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$2000	Teachers, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. The ELA department would like to purchase online database subscriptions for academic journals. This will benefit students as they conduct research projects (\$300). Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted the throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$400</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	---	---------------------------	---------------	------------------	-------------------	-------------------	--------------	--

District Improvement Plan

Academy for Business and Technology

	purchase of test prep books and materials. (\$1200)							
MSHS Integrating Technology	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$1212	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Magazine subscriptions will be purchased for all-content areas to help implement this activity. A high school test prep class is in place to prepare sophomores and juniors for the state assessment in April.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$5700</p>	<p>Instructional staff, Instructional Coach, School Leader</p>
-----------------------------	---	---------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

<p>Real World Learning and Discovery</p>	<p>Students participate in a hands-on lab to apply what they learned for that topic's direct instruction. Labs reinforce student learning through performance-oriented critical thinking skills. This will support differentiated instruction as described in the transformation / redesign plan for the school. The science lab facilities will need to be updated for safety. This will require the purchase of lab, health and safety equipment. (\$3471) Science department staff will monitor proficiency of students through lab performance to determine if learning objectives have been met, and where modifications to instructional techniques and procedures are required. This supports data driven instruction as contained in the school's master plan. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards/NGSS, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs. Every unit will integrate a real-world application where the student can connect the science concept addressed in the unit to the world around them. In order to make these real world connections, the students will have the opportunity to take field trips, in order to participate in cross-curricular activities and build real world connections for students. Every unit will also offer the opportunity for students to construct their own knowledge by teacher-guided inquiry, where the student builds new knowledge from what they already know. Students are</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$655</p>	<p>Science department staff, academic coach, school leader, support staff.</p>
--	---	---------------------------	---------------	------------------	-------------------	-------------------	--------------	--

District Improvement Plan

Academy for Business and Technology

	<p>Students are able to build on prior knowledge and develop the new science concept presented through hands-on activities that will enable them to make the connection to their own world. Concepts selected for the discovery method will be determined through analysis of pre-assessment results as prescribed by the transformation / redesign plan. STEM classes are geared to increase the students' interest in science, technology, engineering, and math. The classes are hands-on to show students how technology is used in engineering to solve everyday problems. Students will learn and apply design process, acquire strong teamwork and communication proficiency, and develop organizational, critical thinking, and problem-solving skills. Focus is on teaching students to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The STEM classes will require supplies in order to create hands-on learning opportunities (\$655). Formative assessment will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessment strategies. Common assessments, report cards, and standardized tests will be analyzed to report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement learning stations. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based</p>							
--	--	--	--	--	--	--	--	--

District Improvement Plan

Academy for Business and Technology

	be based on Michigan content standards, the MAISA units, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.							
Incorporate Math and Literacy Kits into Weekly Math lessons (elementary)	Teachers will help students make the connection to math and everyday life when integrating weekly lessons with math (number and operations, geometry, time, money, problem solving, algebra, etc) with various genres of literature through our STEM program and in the general education Tier I classes.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$4000	School leader, instructional coach and staff

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$13552	Instructional staff, instructional coach, school leader
--	---	--------------------	--------	-----------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

	<p>instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p>							
--	--	--	--	--	--	--	--	--

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$1212</p>	<p>Instructional staff, instructional coach, school leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

Monitoring by Instructional Coach (elementary)	To ensure desirable results, the instructional coaches from both campuses will document and monitor with the RtI process as a key member of the RtI team. Also, the instructional coach will monitor the execution of all lessons in each tier (Tier 1, 2 and 3) and give feedback to the instructional staff, analyze data and model research based strategies. Data will be collected by instructional coach to assist in the evaluation of strategies and best practices utilized to support the RtI process.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$148050	School leader and instructional coach
Teachers will incorporate Reading Workshop (elementary)	Teachers will incorporate a reading workshop and/or phonics (RLAC) program into their daily reading instruction in order to increase student achievement.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$500	Reading Specialist, Instructional Coach, Teachers, Principal
Current Events (elementary)	Teachers will set aside class time regularly (at least bi-weekly) for discussions about current events which will result in a written response regarding the current event that they read from supplemental materials such as but not limited to Teachers Studies Weekly newspapers, etc..	Supplemental Materials	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	Classroom teachers, instructional coach
Cooperative Groups (elementary)	Teachers will provide students in all grade levels with regular opportunities to participate in cooperative group projects.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Instructional Support Staff, Instructional Coach, Principal
Effective Tier I Instruction	As a school, station-based learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and stations. These include: activities, games, and manipulative materials (\$1259).	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1259	School leader, instructional coach, general education and special education teachers

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$15828	Instructional coach, instructional staff, school leader
--	---	--------------------	--------	---------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

	instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.							
Collaboration with general education teacher and special education teacher	Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Teacher Collaboration	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$0	School Leader, Instructional Coach, Instructional Staff
Use of Instructional Aides (elementary)	Paraprofessional/Instructional aides from Title I and 31a will provide targeted interventions for students.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$130000	School leader, coach, instructional staff
Promethean Planet Integration (elementary)	Teachers will integrate technology activities, flip charts and video clips from such resources but not limited to Promethean Planet Discovery Learning to help keep children engaged in science and STEM activities. Maintain/replace projector, pens, lenses, bulbs and speakers annually.	Technology, Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$5000	Teachers, Instructional Support Staff, Instructional Coach, Principal
Effective Tier II and Tier III Instruction	The instructional staff will use formative and summative assessments as well as the academy's benchmark assessments to target areas of academic weakness. This data will guide the decision-making process when determining which students may need interventions.	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$100	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

Parent ELL Activity Night (elementary)	An instructional and social gathering conducted by School Leader, Instructional Coach, and ELL teacher which will provide instructional materials to support student learning objectives and ELL Parent Instructional Support Materials, possibly including dictionaries to support English proficiency. We will also purchase materials and incentives for parent meetings.	Parent Involvement	Tier 1	Monitor	09/05/2017	06/29/2018	\$400	Administrators, Instructional Coach, ESL teachers, Instructional Staff
--	--	--------------------	--------	---------	------------	------------	-------	--

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. The ELA department would like to purchase online database subscriptions for academic journals. This will benefit students as they conduct research projects (\$300). Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted the throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$300</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	---	---------------------------	---------------	------------------	-------------------	-------------------	--------------	--

District Improvement Plan

Academy for Business and Technology

	purchase of test prep books and materials. (\$1200)							
Professional Development on Inclusion in Middle and High School	All staff will receive inclusion professional development though out the school year (on-site or off-site.)	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$500	School leader, instructional coach, general and special education staff
Professional Development for Motivating High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$1100	School leader, instructional coach, instructional staff

District Improvement Plan

Academy for Business and Technology

Integrating Technology	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$1212	Instructional staff, instructional coach, school leader
------------------------	--	------------	--------	-----------	------------	------------	--------	---

District Improvement Plan

Academy for Business and Technology

Hands-On Learning	Formative assessment will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessment strategies. Common assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement learning stations. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards, the MAISA units, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$200	School leader, instructional coach, Title I staff and 31a staff, general education and special education staff
After School and Summer School Tutoring/Credit Recovery	The after-school tutoring/credit recovery program will take place 2 days a week throughout the school year. A Department-wide tutoring volunteer program will take place during the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school, summer school, and credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$250	Instructional staff, instructional coach, support staff, school leader
School Improvement Coach	The school improvement coach will provide assistance to the academy's School Improvement Team in planning, implementing, monitoring and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs.	Curriculum Development, Policy and Process	Tier 1		08/21/2017	06/30/2018	\$19500	School Leader, Instructional Coach, Leadership Team

District Improvement Plan

Academy for Business and Technology

Purchase/Subscribe to National Geographic magazines, Comic books, Joke books and Sports Magazines (elementary)	Students will read informational texts that will create a desire in them to want to read more which will expand their knowledge and ability to comprehend.	Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$500	School leader, coach and instructional staff
Effective Tier II and Tier III Instruction	The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$).	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$9000	Leader, coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Integrating Technology	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$6029	Instructional staff, instructional coach, school leader
------------------------	--	------------	--------	-----------	------------	------------	--------	---

District Improvement Plan

Academy for Business and Technology

<p>Monitoring Student Behavior and Support of Expectations</p>	<p>Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).</p>	<p>Behavioral Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$9070</p>	<p>School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison</p>
<p>Monitoring Student Behavior and Support of Expectations</p>	<p>Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).</p>	<p>Behavioral Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$9070</p>	<p>School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison</p>

District Improvement Plan

Academy for Business and Technology

After School and Summer School Tutoring/Credit Recovery	The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school/credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$972	Instructional Staff, Interventionist, Instructional Coach, School Leader
Preparing Students for College and Career Readiness	Guidance Counselor and/or social worker along with instructional staff will ensure that the students are ready for graduation while assisting with EDP, providing agency support to at risk youth, making connections in the community to educate families on career and college readiness.	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$65000	School leader, coach and counselor
Professional Development for Motivating Middle and High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$0	School leader, instructional coach, instructional staff
Daily Use of Evidence and Research Based Interventions and Manipulative Use (elementary)	Paraprofessionals, 31a and Title I teachers will use leveled readers, manipulative, games, trade books, informational texts (low leveled-high interest), and kits to help enhance understanding of standards and skills during all tiers of instruction.	Direct Instruction	Tier 3	Monitor	09/05/2017	06/29/2018	\$6200	School leader, instructional coach, all instructional staff
Science Investigation PowerPoint Presentations each semester (elementary)	All students will complete a Science Investigation each semester: Grades K-2 will complete a class project where they will present to the other classes; Grades 3-5 will complete group projects and they will share their PowerPoint/Board presentations with their classmates. Scientific Journals will be provided so that the students will practice all parts of the scientific method and we can monitor growth from one investigation to the next. (Tri-fold boards and Scientific Headings are required)	Direct Instruction, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$1000	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$6029</p>	<p>Instructional staff, instructional coach, school leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

Social Studies Vocabulary (elementary)	Teachers will increase use and emphasis of Social Studies vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and the Performance Series. Teachers will be required to keep a Social Studies word wall with current vocabulary necessary for their current topic.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Instructional Coach, Principal
Monitoring Student Behavior and Support of Expectations	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$50000	School leader, instructional coach, behavior counselor/d dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Computer Applications (elementary)	Students will use computer software programs to practice computational skills (including programs for ELL students) on a weekly basis. The software packages utilized include items like but not limited to Brain POP & Brain POP Jr., Reading A-Z and Science A-Z, iXL, etc.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$9000	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials. (\$1200)</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$500</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	---	---------------------------	---------------	------------------	-------------------	-------------------	--------------	--

District Improvement Plan

Academy for Business and Technology

After School and Summer School Tutoring/Credit Recovery	The after-school tutoring/credit recovery program will take place 2 days a week throughout the school year. A Department-wide tutoring volunteer program will take place during the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school, summer school, and credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$733	Instructional staff, instructional coach, support staff, school leader
Professional Development for Motivating High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$700	School leader, instructional coach, instructional staff
Make Connections to Every Day life (elementary)	Sources such as ScienceA-Z.com and Brainpop.com demonstrate to the learners how science is a daily part of our lives and explains terms that will aid students in understanding narrative text and promote test taking skills.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	School leader, instructional coach and staff
Curriculum Crafter (elementary)	Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$1000	Instructional Staff, Instructional Coach, Principal

Other

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
---------------	----------------------	---------------	------	-------	------------	----------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT/MME & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. The science/health department will purchase and use various forms of literature for example magazines,books, journals and ect to help build literacy skills and content understanding of students. These resources could be in print and/or digital forms. Subscriptions need to be purchased for all-content areas to help implement this activity. M-step/SAT/MME preparation will occur throughout the year in content classes as well as Test Prep. Teacher will utilize various online programs, other software applications, or various printed test prep materials to prepare students.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$500</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	--	---------------------------	---------------	------------------	-------------------	-------------------	--------------	--

District Improvement Plan

Academy for Business and Technology

Special Education and General Education Collaboration	The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process	Tier 1		08/21/2017	06/30/2018	\$0	Instructional Coach, School Leader, General Education/ Special Education Teachers/Staff
Hands-on Learning	Formative assessments will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessments. Common assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement formative assessment and learning centers. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Time will be embedded on some professional development days and in the daily schedule to allow for collaboration during the school year. Lesson plans will be based on Michigan standards and Common Core State Literacy Standards using the MAISA units in Atlas Rubicon. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$0	Instructional Coach, Teachers & Support Staff

District Improvement Plan

Academy for Business and Technology

Title III

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Data Driven After School Program (elementary)	ELL students will receive support with weekly small group instruction for skills of weakness derived for the WIDA, M-Step and Scantron testing with multiple evidence and research based strategies.	Academic Support Program	Tier 2	Implement	08/14/2017	06/29/2018	\$12210	Leader, instructional coach and instructional staff
Summer School ELL Program, Teacher (elementary)	The school will offer a free, five-week summer program for ELL students, focusing on improving language skills, especially for students who are reading below grade level.	Academic Support Program	Tier 2	Monitor	06/25/2018	08/10/2018	\$2775	ELL Language Teacher, support staff, Instructional Staff, Principal
Before, During and After Reading (elementary)	Teachers will provide students with strategies to strengthen vocabulary and comprehension skills before, during and after reading (including but not limited to anticipation guides, graphic organizers, story mapping, questions to support comprehension and making connections), such as reading response journals and retelling, and other programs like iXL.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$850	Reading Specialist, All Teachers, RtI interventionist, Paraeducators, Instructional Coach, Principal
Integrated ESL with ELL Teacher and ELL Paraeducator (elementary)	Language support staff will provide a minimum of 100 minutes per week of language instruction that is both integrated and inclusive to the core along with additional sheltered instruction to ELL students who score at the Basic level on either the Fall W-APT screener or spring WIDA assessments.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$50000	ELL Teachers, ELL paraprofessional, Instructional Coach, Principal
Use of Technology (elementary)	Nooks will be used along with iPads, Chromebooks, laptops, and various site licenses such as Reading A to Z and MOby Max to engage learners and decrease the gap in achievement. STEM integration will also be used to integrate all content areas, increase problem solving strategies and increase technology use in all areas.	Technology	Tier 2	Implement	08/14/2017	06/29/2018	\$1110	Leader, instructional coach and instructional staff

District Improvement Plan

Academy for Business and Technology

After-School Tutoring for ELL Students (elementary)	The school will offer a free tutoring program for ELL students, focusing on language instruction to students who are reading below grade level. Tier 3 ELL students will have language acquisition as their primary focus.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$12210	Language Support Staff, Instructional Coach, Principal
After School ELL Tutoring (elementary)	The school will offer a free, after school tutoring program two (2) days a week, focusing on improving mathematics skills for ELL students who are below grade level.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$10000	Teachers, Tutors, Paraprofessionals, Instructional Coach, Principal
Educate Families Monthly on Reading and Writing Strategies	Families will be invited on a monthly basis to participate in games, listen to presenters, engage in dialogue with the teachers and staff, specialists and community organizations to help them educate their child.	Parent Involvement	Tier 1	Implement	09/05/2017	06/29/2018	\$8000	School leader, instructional staff, instructional coach, Parent groups
Parent ELL Activity Night (elementary)	An instructional and social gathering conducted by School Leader, Instructional Coach, and ELL teacher which will provide instructional materials to support student learning objectives and ELL Parent Instructional Support Materials, possibly including dictionaries to support English proficiency. We will also purchase materials and incentives for parent meetings.	Parent Involvement	Tier 1	Monitor	09/05/2017	06/29/2018	\$400	Administrators, Instructional Coach, ESL teachers, Instructional Staff

General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Integrate Social Studies Material in All Content Areas (elementary)	Teacher will intentionally design and plan to integrate social studies content in science, math, writing and reading along with art and music to develop an interest in students and help them understand the connections to the content and their lives.	Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$1350	Leader, Instructional Coach and teachers

Special Education

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
---------------	----------------------	---------------	------	-------	------------	----------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Academic Lab	To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulatives, technology and supplies.	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$600	School leader, special education teaching staff
Use of Special Education Support Staff	The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30000	School Leader, Instructional Coach, General Education and Special Education staff
Academic Lab	To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulative materials, technology and supplies.	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$600	School leader, special education teaching staff

District Improvement Plan

Academy for Business and Technology

Academic Lab	To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulative materials, technology and supplies.	Academic Support Program		Getting Ready	09/05/2017	06/30/2018	\$600	School leader, special education teaching staff
Use of Special Education Support Staff	The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support.	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$30000	School leader, instructional coach, general education and special education staff
Use of Special Education Support Staff	The paraprofessionals will have an increase in classroom support built into their schedule (\$30,000)	Academic Support Program		Implement	09/05/2017	06/30/2018	\$30000	School leader, instructional coach, general education and special education staff
Use of Special Education Support Staff	The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support.	Academic Support Program	Tier 3		08/21/2017	06/30/2018	\$30000	School leader, instructional coach, general education and special education staff

District Improvement Plan

Academy for Business and Technology

Academic Lab	To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulatives, technology and supplies.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$600	School Leader, Special Education Teaching Staff
--------------	--	--------------------------	--------	-----------	------------	------------	-------	---

Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Data Analysis Professional Development (elementary)	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$500	Instructional staff, instructional coach, school leader
Staff Training on the Rtl Model	The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$938	School leader and instructional coach
Leadership Growth/Professional Development (elementary)	School Leader and Instructional Coach will participate in professional development activities that help to improve teaching and learning.	Professional Learning	Tier 1	Monitor	08/14/2017	07/13/2018	\$4200	Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Common Core Professional Development	The staff will receive training on how to implementation of the common core state standards(\$160) and on how vertically align the curriculum(\$575). Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The ELA staff will select a professional text, covering best practice instruction in English language arts. This text will serve as a professional learning community for the English community (\$66).	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$125	Instructional coach, instructional staff, school leader
Professional Development on Using Data to Impact Achievement (elementary)	On and off site professional developments (Wayne RESA and MDE) will be offered to discuss avenues and methods to use data more effectively to improve the growth of student success.	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$3500	School leader, instructional coach, instructional staff
Professional Development	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have a better student growth.	Curriculum Development, Technology, Academic Support Program	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1000	Instructional Coach
Data Analysis Professional Development	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning.	Professional Learning	Tier 1	Implement	08/22/2016	06/30/2017	\$139	Instructional staff, instructional coach, school leader
Staff Training on the Rtl Model	The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$938	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Common Core Professional Development	The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The mathematics staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community (\$66).	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$226	Instructional staff, Instructional Coach, School Leader
Data Analysis Professional Development	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include but not limited to attendance at the MDE/AdvanEd school improvement conferences. (\$139)	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$431	Instructional Staff, Instructional Coach, School Leader
Highly Qualified Teachers (elementary)	Retention bonuses for highly qualified teachers who return to the school in the fall.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$15000	Instructional staff, support staff, Instructional Coach, School Leader
Best Practices of Writing Across Curriculum (elementary)	Writing and the components that contribute to the traits of a "good writer" will be discussed at selected professional developments to support the existing program. Writing samples will be used to grade together using the same rubric to make sure that we are all using the rubric with fidelity.	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$1000	School leader, instructional coach, instructional staff
Data Analysis Professional Development	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include but not limited to attendance at the MDE/AdvanEd school improvement conferences. (\$139)	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$139	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Common Core Professional Development	The staff will receive training on how to implementation of the common core state standards(\$160) and on how vertically align the curriculum(\$575). Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The ELA staff will select a professional text, covering best practice instruction in English language arts. This text will serve as a professional learning community for the English community (\$66).	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$575	Instructional coach, instructional staff, school leader
Naiku Professional Development (elementary)	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Instructional Teachers, Support Staff, Instructional Coach, School Leader
Staff Training on Formative Assessment	The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1288	Instructional staff, Instructional Coach, School Leader
Naiku Professional Development (elementary)	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Instructional Staff, Support Staff, Instructional Coach, School Leader
Data Analysis Professional Development	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include but not limited to attendance at the MDE/AdvanceEd school improvement conferences (\$139).	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$139	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

Professional Development-Science Standards (elementary)	Staff members will attend a professional development session on interactive science and the Next Generation Science Standards that Michigan has adopted.	Professional Learning	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$4200	Instructional Staff, Instructional Coach, School Leader
Meaningful Professional Development on Teaching At-Risk Youth/Rtl (elementary)	After a CNA from the instructional staff on using the Rtl with various subgroups and at-risk youth, two or more sessions will be offered, and staff will be encouraged to attend. The staff will be expected to use strategies learned and the administrative staff will follow up with walk-through and feedback to gauge fidelity and implementation of evidence based strategies.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$5200	School leader, instructional coach, instructional staff
Common Core Professional Development	The staff will receive training on how to implement the common core state standards(\$160) and on how vertically align the curriculum(\$575). Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The ELA staff will select a professional text, covering best practice instruction in English language arts. This text will serve as a professional learning community for the English community (\$66).	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$1200	Instructional coach, instructional staff, school leader
Professional Development on Effective Teaching Strategies for Social Studies (elementary)	At least twice a year, teacher will engage in presentations along with hands-on learning to equip them with the necessary methods, materials and research to target areas of weaknesses that contribute to the decline in Social Studies performance.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$5000	Leader, Instructional Coach and teachers
Routine Data Analysis for Evaluation and Planning (elementary)	Use data warehouses like MI School Data that assist with compiling data and the school improvement process will be utilized to drive instruction and continuous improvement. Survey Monkey and survey data from the surveys in Assist will be used as data points for school wide reflection and change.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$800	School leader and instructional coach

District Improvement Plan

Academy for Business and Technology

Staff Training on the Rtl Model	The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758).	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$938	School leader, instructional coach and general and special education teachers
Common Core Professional Development	The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The mathematics staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community (\$66).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$226	Instructional staff, instructional coach, school leader
MDE School Improvement/Assessment Conference (elementary)	Instructional Coach will attend the conference to bring back interventions that are cross grade level and for all facets of instruction and support.	Professional Learning	Tier 1	Implement	05/01/2018	07/31/2018	\$400	Instructional Coach, Principal
Sustainable Professional Development on Effective Use of Technology for Reading (elementary)	Instructional staff along with administration will conduct a needs assessment on the level of understanding of increasing achievement with technology. At least two PD sessions will be offered, either on or off site to offer strategies and techniques to infuse technology into teaching.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$3500	School leader, instructional coach and teachers
Peer Observation (elementary)	The Academy will provide opportunities for teachers to conduct peer observations of effective mathematics instruction both inside and outside of the school at least once annually.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Instructional Coach, Principal
Teacher Training on Culturally Responsive Instruction	Teachers will receive professional development that will help them acquire the tools and strategies which support learning for our diverse student population.	Behavioral Support Program	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$400	Instructional Staff

District Improvement Plan

Academy for Business and Technology

School Leader and Instructional Coach professional development (elementary)	Research confirms that strong leadership with support for instruction is the second most influential factor for improving schools. In order to sharpen leadership skills that support proper implementation of strategies for school improvement, the school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. These practices will center around: establishing high expectations for all, create a climate that is conducive to learning, cultivate leadership in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$10000	school leader, instructional coach
Data Analysis (elementary)	The school will use MI School Data portal along with NWEA and gradebook data to assist in the analysis of student achievement and growth and to provide direction for change and revision of instructional practices. Inservice will be given to teachers on data analysis to track student progress.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	Principal, Instructional Coach, All Teachers
Staff Training on Differentiated Instruction	The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1288	School leader, instructional coach and general and special education teachers
Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1500	Administration
Professional Development on Common Core Standards (elementary)	Staff members will participate in a professional development on common core state standards.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	How to Teach Thinking Skills within the Common Core (Bellanca, et. al., 2012)

District Improvement Plan

Academy for Business and Technology

Data Analysis Professional Development	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include professional development on formative assessment project (\$431), and attendance at the MDE/AdvanceEd school improvement conferences (\$139).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$139	Instructional staff, instructional coach, school leader
Data Analysis Professional Development	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning.	Professional Learning	Tier 1	Implement	08/22/2016	06/30/2017	\$431	Instructional staff, instructional coach, school leader
Data Analysis Professional Development	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include professional development on formative assessment project (\$431), and attendance at the MDE/AdvanceEd school improvement conferences (\$139).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$431	Instructional staff, instructional coach, school leader
Common Core Professional Development (elementary)	The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community.	Professional Learning	Tier 1	Implement	08/15/2016	06/23/2017	\$125	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$4500	Administration
Staff Training on Formative Assessment	The staff will receive training on formative assessment and integration of NGSS content standards. This will require the purchase of training materials. Follow-up observations will occur throughout the year.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1288	School leader, instructional coach, support staff and general education teachers
Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$3000	Administration
Staff Training on Formative Assessment	The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1288	School leader, instructional coach, support staff and general education teachers

District Improvement Plan

Academy for Business and Technology

Data Analysis Professional Development	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include but not limited to attendance at the MDE/AdvanceEd school improvement conferences (\$139).	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$431	Instructional staff, instructional coach, school leader
--	---	-----------------------	--------	---------------	------------	------------	-------	---

Title I Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
ELA Coach	An ELA coach will be contracted to provide job-embedded professional development to teachers in best practices for ELA instruction. This will be done through the use of instructional learning cycles. The ELA coach will meet with teachers during staff and grade level meetings to discuss depth of knowledge, common assessments and highly effective teaching strategies. The ELA coach will observe instruction in the classroom to guide the processes and provide feedback to impact student learning.	Academic Support Program	Tier 2	Implement	08/21/2017	06/30/2018	\$15914	Instructional staff, interventionist
Use of Technology to Support Math Skills	Students will use software progress monitoring tools to assess levels of learning and for review and daily practice. Teachers will also use Smartboard, laptops, Chromebooks and iPads to engage learners in ways to compute and reasoning in relationship to mathematical concepts.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$10000	School leader, instructional staff and instructional coach

District Improvement Plan

Academy for Business and Technology

Hands-On Learning	Formative assessment will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessment strategies. Common assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement learning stations. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards, the MAISA units, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$15500	School leader, instructional coach, Title I staff and 31a staff, general education and special education staff
Staff Training on the RtI Model	The staff will be provided with professional development (\$180) on the RtI model. In addition, teachers will receive RtI training off-site (\$758).	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1200	School leader and instructional coach
Utilize manipulative (elementary)	The school will purchase mathematics manipulatives to aide teachers and instructional support staff at all grade levels in the mastery of mathematical concepts. For example, but not limited to flash cards, rulers, measuring instruments, calculators, etc.	Supplemental Materials	Tier 1	Monitor	09/05/2017	06/29/2018	\$750	school leader, coach and administration
Provide Professional Development for Staff to Make Connections with Parents (elementary)	The administrative team will plan for at least two professional development days on ways to increase parental involvement.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$1500	School leader and instructional coach
On Campus and Off Campus Hands-on Experiences (elementary)	Revenue will be allocated to provide students with field trips to different venues to visualize the literature read in the classroom and community partnerships will come to the school site to speak and interact with the students.	Field Trip	Tier 1	Implement	09/05/2017	06/29/2018	\$1820	Leader, Instructional coach and teachers

District Improvement Plan

Academy for Business and Technology

Implementation Support from Instructional Coach (elementary)	Title I instructional coach will support and monitor effective implementation of the Response to Intervention/Positive Behavior Intervention Support through classroom observations and feedback, modeling, and mini-lessons or workshops.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$30000	school leader, instructional coach
Exposure to Various Types of Informational Text (elementary)	Leveled readers, magazines, publications, websites, newspapers and television programs will be tools used to deliver instruction related to Social Studies skills and standards to broaden and increase the mastery of the expectation of student learning targets.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$750	Leader, Instructional Coach and instructional staff
After School and Summer School Tutoring/credit recovery	The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$31000	School leader, instructional coach and instructional staff
Monitoring Student Behavior and Support of Expectation	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$36000	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Tier I - Professional Development	Instructional staff will understand class differences and strategies for effective tier 1 instruction.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$550	School leader, instructional coach, instructional staff

District Improvement Plan

Academy for Business and Technology

Educate Families Monthly on Reading and Writing Strategies	Families will be invited on a monthly basis to participate in games, listen to presenters, engage in dialogue with the teachers and staff, specialists and community organizations to help them educate their child.	Parent Involvement	Tier 1	Implement	09/05/2017	06/29/2018	\$3000	School leader, instructional staff, instructional coach, Parent groups
Planning with and use of Title I Paraprofessionals	Progress monitoring of the assessment data will be used to move students within the tiers of the Rtl model. The Title I paraprofessional will provide targeted instruction.	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$26762	School leader, instructional coach, Title I support staff
Allocate Science Resources for Interventions and Use with Fidelity (elementary)	Using data from Science benchmarks, the leader along with staff will select and purchase scientific related resources to address the areas of concern. Science kits, live animals, leveled readers, additional science lab materials will be purchased to transform our science classes offering inquiry and STEM concepts based on the Next Generation Science Standards.	Supplemental Materials	Tier 1	Getting Ready	08/14/2017	06/29/2018	\$20000	School leader, instructional staff and coach
Push-in and Pull-out Services through Rtl program (elementary)	Instructional aides, 31a and Title I teachers will provide tiered interventions that promote language acquisition and other essential skills to reach mastery levels.	Academic Support Program	Tier 3	Implement	09/05/2017	06/29/2018	\$150000	School leader, instructional coach and instructional staff
Daily Review and Practice of Skills with Technology (elementary)	Students will be given the opportunity to use technology to continuous review and practice skills and standards that strengthen issues of concern. Site licenses will be purchased to provide leveled, adaptive and targeted visual stimulation to deliver instruction in an animated way on a daily basis to increase mastery. These site licenses consists but not limited to of Study Island, Compass Learning, Reading A-Z, Tumble Books, Vocabulary A-Z, Reading Horizons and other progress monitoring tools.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$9000	School leader, instructional staff, teachers, and support staff

Section 31a

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
---------------	----------------------	---------------	------	-------	------------	----------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Real World Documents (elementary)	Social Studies readings will include engaging real-world documents and not just textbooks. Teachers can use resources similar to but not limited to Scholastic Weekly, Studies Weekly and Social Studies Alive, which are aligned to the Common Core State Standards and offers informational text in all grade levels.	Materials	Tier 1	Implement	09/05/2017	06/29/2018	\$6000	Classroom teachers, Instructional Coach, Principal
Monitoring Student Behavior and Support of Expectations	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Implement	09/05/2016	06/30/2017	\$28948	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Annual Field Trips and Hands-On Experiences (elementary)	Annually, students will take trips off site and take advantage of scientists that will come to the school to help with mastery of material and understand grade level expectations and the Next Generation Science Standards. Teachers will offer more hands-on learning opportunities throughout the school year.	Field Trip	Tier 1	Implement	09/05/2017	06/29/2018	\$5000	School leader, instructional coach and staff
Promethean Planet Integration (elementary)	Use Promethean Planet to show video clips, use flip charts and graphic organizers to motivate and engage students to write in Social Studies. Some Promethean Boards need to have speakers, pens and projectors maintained/replaced annually.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$2000	Classroom Teachers, Instructional Coach, Principal
Preparing Students for College and Career Readiness	A guidance counselor will assist students with college preparation and provide them with information regarding career readiness	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$7170	School leader, dropout prevention specialist, and guidance counselor

District Improvement Plan

Academy for Business and Technology

Tier Time Reading Specialist (1) & Reading Interventionists (1) (elementary)	The school will establish a daily schedule to ensure a block of time is available for teachers to integrate reading and writing across core instruction through activities. This time will be called Tier Time and the Reading Interventionist will push into the classroom and work with tier 2 children who need additional interventions. The Reading Specialist will pull tier 3 students out for additional interventionist during this tier time or during their special classes. The Reading Specialist will also assist teachers with reading instruction, remediation, and assessment for our low performing readers	Academic Support Program	Tier 3	Monitor	08/14/2017	06/29/2018	\$53000	Reading Specialist, Teachers, Reading Interventionist, Instructional Coach, Principal
Monitoring Student Behavior and Support of Expectation	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$24180	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Preparing Students for College and Career Readiness	A guidance counselor will assist students with college preparation and provide them with information regarding career readiness.	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30372	School leader, dropout prevention specialist and guidance counselor

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$1333</p>	<p>Instructional staff, instructional coach, school leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

Integrating Technology	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$1333	Instructional staff, instructional coach, school leader
Naiku (elementary)	<p>Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards, Michigan Science Standards, and Social Studies Standards).</p>	Direct Instruction, Technology	Tier 1	Implement	09/05/2017	06/29/2018	\$700	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Preparing Students for College and Career Readiness	A guidance counselor and a dropout prevention specialist (\$7170) will assist students with college preparation and provide them with information regarding career readiness	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$7170	School leader, dropout prevention specialist, and guidance counselor
Use of Instructional Aides (elementary)	Paraprofessional/Instructional aides from Title I and 31a will provide targeted interventions for students.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$137000	School leader, coach, instructional staff
Integrated ESL with ELL Teacher and ELL Paraeducator (elementary)	Language support staff will provide a minimum of 100 minutes per week of language instruction that is both integrated and inclusive to the core along with additional sheltered instruction to ELL students who score at the Basic level on either the Fall W-APT screener or spring WIDA assessments.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$36000	ELL Teachers, ELL paraprofessional, Instructional Coach, Principal
Summer Specially Designed Program (elementary)	The school will offer a free summer academic specially designed program focusing on improving mathematics skills for students who are below grade level through science, technology, and mathematics integration.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$21000	Instructional Coach, Principal
Social Work Support (elementary)	Social Worker will work with identified, non IEP, 31a students and offer positive behavior support that serves to make students more successful in the classroom.	Behavioral Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$25500	Social Worker, Principal
Monitoring and Documenting Behavior Patterns	Positive Behavior Management Support Specialist, Truancy Liaison, Hall Monitor and Social Worker will be utilized to uphold expectations, collect data, address students' needs and monitor student behavior.	Policy and Process	Tier 1	Monitor	09/05/2017	06/29/2018	\$14053	School Leader, Coach, PBIS team
Push-in and Pull-out Services through RtI program (elementary)	Instructional aides, 31a and Title I teachers will provide tiered interventions that promote language acquisition and other essential skills to reach mastery levels.	Academic Support Program	Tier 3	Implement	09/05/2017	06/29/2018	\$42091	School leader, instructional coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Before, During and After Reading (elementary)	Teachers will provide students with strategies to strengthen vocabulary and comprehension skills before, during and after reading (including but not limited to anticipation guides, graphic organizers, story mapping, questions to support comprehension and making connections), such as reading response journals and retelling, and other programs like iXL.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$850	Reading Specialist, All Teachers, RtI interventionist, Paraeducators, Instructional Coach, Principal
Preparing Students for College and Career Readiness	A guidance counselor will assist students with college preparation and provide them with information regarding career readiness	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$23202	School leader, dropout prevention specialist, and guidance counselor

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$1333</p>	<p>Instructional staff, instructional coach, school leader</p>
<p>Data Driven After School Program (elementary)</p>	<p>ELL students will receive support with weekly small group instruction for skills of weakness derived for the WIDA, M-Step and Scantron testing with multiple evidence and research based strategies.</p>	<p>Academic Support Program</p>	<p>Tier 2</p>	<p>Implement</p>	<p>08/14/2017</p>	<p>06/29/2018</p>	<p>\$20000</p>	<p>Leader, instructional coach and instructional staff</p>

District Improvement Plan

Academy for Business and Technology

Naiku (elementary)	Naiku has built-in professionally developed benchmark assessments for mathematics and reading aligned to the Common Core State Standards. The teachers will be able to use these assessments to benchmark their students at anytime for data driven decisions.	Direct Instruction, Technology	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Instructional Staff, Support Staff, Instructional Coach, School Leader
Developmental Reading Assessment (elementary)	Staff will use diagnostic reading assessments to identify students' reading level and skill proficiency for guiding appropriate instruction and intervention, especially for students performing below grade level. (requires copy paper for progress monitoring)	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$1500	General Education Teachers, Reading Specialist, Interventionist
Monitoring Student Behavior and Support of Expectations	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$28948	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Utilizing Additional/Extended Learning Opportunities to Increase Growth (elementary)	Summer School, After School Tutoring in collaboration with the RtI will be used as extended time to deliver implicit and intentional interventions to students in small groups with various resources for both summer school and after school. STEM education will be one way but not limited to in which, we can increase student engagement and participation in order to see real results.	Academic Support Program	Tier 3	Monitor	09/05/2017	06/29/2018	\$31196	School leader, instructional coach, teachers and support staff

District Improvement Plan

Academy for Business and Technology

Use of General Budget & Grant Funded Support Staff to Deliver Targeted Interventions (elementary)	Students will receive more targeted instruction for science from support 31a staff such as 31a teachers and 31a instructional aides/paraprofessionals on more of a continuous basis. Use 31a funds or Title I funds for support staff and materials necessary to carry out a functional STEM special class.	Academic Support Program	Tier 1	Implement	08/14/2017	06/29/2018	\$137635	School leader, coach, instructional staff
Effective Tier II and Tier III Instruction	The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$). A basic math course is in place for tier II and tier III students. Students will be chosen from the newly enrolled ABT high school students who score in the lowest 25% of their respective class on the NWEA, a nationally-normed test. By using the data from the NWEA results, staff will be able to identify students who need more instruction, presented in different ways, to acquire needed computational and problem-solving skills to be successful in higher level math classes. All the new students will take a placement test before the first day of the school year so they will be placed in the math class that best matches their computational and problem-solving skills. Two Title I teachers (\$39,535) will be needed to staff the basic math classes.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$8640	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Utilize manipulative (elementary)	The school will purchase mathematics manipulatives to aide teachers and instructional support staff at all grade levels in the mastery of mathematical concepts. For example, but not limited to flash cards, rulers, measuring instruments, calculators, etc.	Supplemental Materials	Tier 1	Monitor	09/05/2017	06/29/2018	\$5000	school leader, coach and administration
After School and Summer School Tutoring/credit recovery	The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$11000	School leader, instructional coach and instructional staff
Effective Tier II and Tier III Instruction	The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$).	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$8640	Leader, coach and instructional staff
Use More Math Academic Vocabulary (elementary)	The instructional staff will promote the use of academic vocabulary with test taking skills and problem solving when teaching the common core. Daily review and introduction of academic vocabulary will be a component of each lesson and monitored during walkthroughs to assist teachers with modeling of lessons and ensure students are being exposed to the vocabulary.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$350	School leader, coach and instructional staff

District Improvement Plan

Academy for Business and Technology

<p>Monitoring Student Behavior and Support of Expectations</p>	<p>Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).</p>	<p>Behavioral Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$28948</p>	<p>School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison</p>
<p>Monitoring Student Behavior and Support of Expectation</p>	<p>Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).</p>	<p>Behavioral Support Program</p>	<p>Tier 1</p>	<p>Monitor</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$28948</p>	<p>School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison</p>

District Improvement Plan

Academy for Business and Technology

Daily Review and Practice of Skills with Technology (elementary)	Students will be given the opportunity to use technology to continuous review and practice skills and standards that strengthen issues of concern. Site licenses will be purchased to provide leveled, adaptive and targeted visual stimulation to deliver instruction in an animated way on a daily basis to increase mastery. These site licenses consists but not limited to of Study Island, Compass Learning, Reading A-Z, Tumble Books, Vocabulary A-Z, Reading Horizons and other progress monitoring tools.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$5000	School leader, instructional staff, teachers, and support staff
Monitoring and Documenting Behavior Patterns	Positive Behavior Management Support Specialist, Truancy Liaison, Hall Monitor and Social Worker will be utilized to uphold expectations, collect data, address students' needs and monitor student behavior.	Policy and Process	Tier 1	Monitor	09/05/2017	06/29/2018	\$80322	School Leader, Coach, PBIS team
Improve Spelling and Mechanics/Conventions (elementary)	Teachers will provide writing instruction on a weekly basis that allows students an opportunity to improve their spelling skills, as well as their mastery of writing mechanics/conventions across the curriculum. This will include resources like but not limited to Words I Use When I Write (K-2, 3-5), My Word Book (K) or Words Their Way.	Materials, Community Engagement	Tier 1	Implement	09/05/2017	06/29/2018	\$1950	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal
Engaging, Hands-On Instructional Activities (elementary)	Students at all grade levels and at various ability levels will have access to and use hands-on manipulatives such as maps, globes and other visual learning aids to learn social studies concepts as regularly as possible. Utilize field trips to offer real life experiences and exposure to our community.	Field Trip, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$2400	Classroom teachers, Instructional support staff, Instructional Coach, Principal
Classroom Computer Lab (elementary)	A classroom teacher will integrate all core content areas of instruction using technology for each grade level at minimum once weekly. Each classroom will have a wall mounted and security charging station for laptops.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$19600	Technology Teacher, Classroom Teacher, Instructional Coach, Principal

Title I School Improvement (ISI)

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
---------------	----------------------	---------------	------	-------	------------	----------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$15828	Instructional Staff, Instructional coach, School Leader
--	---	--------------------	--------	---------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

	instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.							
Special Education and General Education Collaboration	The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process		Implement	08/21/2017	06/30/2018	\$0	School leader, instructional coach, teachers and support staff

No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Grade Level Meetings (elementary)	Grade level teachers will meet weekly during their common planning time with an administrator to focus and collaborate about instructional best practices and review current data to make informed decisions in the classroom.	Teacher Collaboration	Tier 1	Implement	09/05/2017	06/29/2018	\$0	All teachers, Instructional Support Staff, Instructional Coach, Principal
Special Education Support and Co-planning (elementary)	General education staff and special education will work collaboratively to meet the needs of students on a daily and weekly basis to design effective lesson planning to elevate scores and increase mastery on statewide and local assessments.	Academic Support Program	Tier 3	Implement	09/05/2017	06/29/2018	\$0	School leader, Coach and instructional staff

District Improvement Plan

Academy for Business and Technology

<p>Data Analysis (elementary)</p>	<p>The analysis of data through the instructional learning cycles will become a function of the grade level teams and will assist ABTE to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Implement</p>	<p>08/14/2017</p>	<p>06/29/2018</p>	<p>\$0</p>	<p>School Leader, Instructional Coach, Teachers & Support Staff</p>
-----------------------------------	---	------------------------------	---------------	------------------	-------------------	-------------------	------------	---

District Improvement Plan

Academy for Business and Technology

Analyzing and Interpreting Data (elementary)	Students will use technology to analyze and interpret data from their investigations by creating tables, charts and graphs.	Technology, Teacher Collaboration	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Support Instructional Staff, Instructional Coach, Principal
Implementation of Literature Circles (elementary)	Students will engage with other learners to select a topic of interest and discuss with partners to display comprehension verbally and interact with others to create dialogue.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	School leader, coach and instructional staff
The Craft of Writing (elementary)	Teachers in all grades will help students learn the mechanics and the craft of writing through programs such as but not limited to WriteSteps program.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Support, Instructional Coach, Principal
Pre-Writing Activities (elementary)	Teachers will conduct and model various types of pre-writing activities (Listening, charting, webbing, clustering of raw ideas, drawing, group brainstorming, graphic organizer, etc.)	Direct Instruction	Tier 1	Monitor	09/29/2017	06/29/2018	\$0	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>Data Analysis</p>	<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, summative assessments, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Evaluate</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>Math department, instructional coach, school leader, support staff</p>
----------------------	--	------------------------------	---------------	-----------------	-------------------	-------------------	------------	---

District Improvement Plan

Academy for Business and Technology

	<p>receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>							
Professional Development on Inclusion in Middle and High School	All staff will receive inclusion professional development throughout the school year (on-site or off-site.)	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$0	School Leader, Instructional Coach, General Education and Special Education Staff
Writing Sample Submission (elementary)	Teachers will assign a mathematics constructed response question to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Reading Vocabulary (elementary)	Teachers will increase use and emphasis of Reading vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and NWEA. Teachers will be required to keep a Reading word wall with current vocabulary necessary for their current topic.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Professional Development on Inclusion in Middle and High School	All staff will receive inclusion professional development throughout the school year (on-site or off-site.)	Professional Learning	Tier 3	Implement	08/21/2017	06/30/2018	\$0	School leader, instructional coach, general and special education staff

District Improvement Plan

Academy for Business and Technology

Professional Development-PLC Books (elementary)	The Academy will utilize several PLC book reads that will focus on various research based topics, such as but not limited to guided reading groups, data analysis, closed reading, etc.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Instructional Staff, Instructional Coach, Principal
Special Education and General Education Collaboration	The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process	Tier 3	Implement	09/05/2017	06/30/2018	\$0	School leader, instructional coach, teachers and support staff
ELL Small Group Instruction (elementary)	Monitoring of comprehension for ELL students at all levels of proficiency; to support meaningful access to curriculum, including reinforcement of Mathematics terminology, operations and concepts.	Academic Support Program	Tier 2	Monitor	09/01/2017	06/29/2018	\$0	Classroom Teachers, Instructional Support Staff
Support students in verbalizing decisions and solutions (elementary)	Encouraging students to verbalize, or think-aloud, their decisions and solutions to a math problem is an essential aspect when scaffolding instruction. Teachers will document and plan for this strategy in their lessons for students.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	School leader, coach and instructional staff
Provide peer-assisted instruction to students (elementary)	Students with LD sometimes receive some type of peer assistance or one-on-one tutoring in areas in which they need help. The more traditional type of peer-assisted instruction is cross-age, where a student in a higher grade functions primarily as the tutor for a student in a lower grade. In the newer within-classroom approach, two students in the same grade tutor each other. In many cases, a higher performing student is strategically placed with a lower performing student but typically both students work in both roles: tutor (provides the tutoring) and tutee (receives the tutoring).	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	School leader, coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Weekly Writing with Relevant and Meaningful Prompts (elementary)	Teachers and/or para-professionals will support English Language Learning and meaningful access to core curriculum through writing for meaning in all content areas. Teachers will teach mini-lessons daily using the WriteSteps.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Classroom Teachers, Instructional Coach, Paraeducators, Principal
--	---	--------------------------	--------	---------	------------	------------	-----	---

District Improvement Plan

Academy for Business and Technology

<p>Data Analysis</p>	<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/29/2018</p>	<p>\$0</p>	<p>School Leader, Instructional Coach, Teachers & Support Staff</p>
----------------------	--	------------------------------	---------------	------------------	-------------------	-------------------	------------	---

District Improvement Plan

Academy for Business and Technology

	assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.							
Content Area Reading (elementary)	All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. The grade level teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will be accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Instructional staff, instructional coach, school leader
Three-Phase Teaching Model (elementary)	Teachers will be trained and be required to use the Three Phase Teaching Model. This model suggests that in the first phase teachers are required to explicitly teach a lesson. In the second phase, teachers use cooperative groups or paired partnerships for the students to practice the skills they are required to learn. In the third phase, students work independently with less guided practice to successfully master a cross curricular performance task.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	All Teachers, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Encourage Visual Representation of Math Problem (elementary)	Visual representations (drawings, graphic representations) will be used intuitively by teachers to explain and clarify problems and by students to understand and simplify problems. When used systematically, visuals have positive benefits on students' mathematics performance. During daily lessons, students will extend their thinking skills by displaying comprehension of material taught.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Coach, leader and instructional staff
Administration Professional Development (elementary)	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Instructional staff, support staff, Instructional Coach, School Leader
Observing, Discussing and Debating (elementary)	Teachers will frequently provide lessons that involve students in observing, classroom discussions and class debates to ensure their active participation in learning. Lesson objectives will be relevant to the students and offer full engagement.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Classroom teachers, instructional support staff, bilingual instructional coach, Principal
Collaboration about Best Practice (elementary)	Grade level and/or grade span teachers will meet weekly to focus on and collaborate about instructional best practices. Literature will be used to focus these meetings. Teachers will engage in PLC (Professional Learning Communities) by collaboratively reading a selected book.	Professional Learning	Tier 1	Monitor	08/14/2017	06/30/2018	\$0	Teachers, Special Education Teachers, ELL Teachers, Paraeducators, Instructional Coach and Principal

District Improvement Plan

Academy for Business and Technology

<p>Data Analysis</p>	<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Monitor</p>	<p>09/05/2016</p>	<p>06/30/2017</p>	<p>\$0</p>	<p>School Leader, Instructional Coach, Test Administrator, Teacher, & Support Staff</p>
----------------------	--	------------------------------	---------------	----------------	-------------------	-------------------	------------	---

District Improvement Plan

Academy for Business and Technology

	<p>assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach.</p> <p>As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>							
Deliver Effective Instruction at all tiers (1, 2 and 3) (elementary)	<p>The instructional staff will plan for more explicit Tier 1 instruction, with an emphasis on primary prevention, requiring teachers to provide evidence-based instruction to all students. Tier 2 focuses on supplemental instruction that provides differentiated instruction to meet the learning needs of students. Tier 3 emphasizes individualized intensive instruction. The ultimate goal of the RtI model is to reduce the number of students in successive tiers and the number of students receiving intensive instruction. The groundwork for the success of this model is the effectiveness of the instruction provided in Tier 1.</p>	Direct Instruction	Tier 2	Monitor	09/05/2017	06/29/2018	\$0	School leader, coach and instructional staff
Best practices for teaching mathematics (elementary)	<p>All teachers and instructional staff will demonstrate an understanding of and will utilize the most effective research based practices for teaching mathematics and increasing student achievement.</p>	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	All Teachers, Instructional Staff, Instructional Coach, Principal
Create and Use Mapping and Pacing Guides (elementary)	<p>During the school year, the teachers will devise maps and pacing guides to assist them with monitoring of the timeliness and efficiency of teaching the common core and curriculum.</p>	Policy and Process	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Leader, Instructional coach and teachers

District Improvement Plan

Academy for Business and Technology

<p>MSHS Data Analysis</p>	<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>Science instructional staff, instructional coach, school leader, support staff.</p>
---------------------------	--	---------------------------	---------------	------------------	-------------------	-------------------	------------	--

District Improvement Plan

Academy for Business and Technology

	<p>assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>							
Instructional Learning Cycles (elementary)	<p>All teachers and instructional staff will analyze their student's data (NWEA or Unit Assessments) and complete an item analysis to identify standards/items that most students struggle with (priority standard). The teachers and instructional staff will create an action plan for re-teaching the identified priority standard. The teachers will track student growth.</p>	Direct Instruction	Tier 1	Implement	08/14/2017	06/29/2018	\$0	All teachers, instructional staff, Instructional Coach, Principal
Effective Evaluations (elementary)	<p>Teachers will use evaluations (summative and formative) that involve further learning that promotes responsible citizenship and open expression of ideas. Teachers will provide opportunities for students to demonstrate mastery of skills or concepts in ways supplemental to the pencil and paper curriculum assessments, especially for low-achieving subgroups and for students performing below grade level which can be developed in Curriculum Crafter under alternate assessments.</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Classroom Teachers, Special Education Teachers, Instructional Coach, Principal
Professional Development on Inclusion in Middle and High School	<p>All staff will receive inclusion professional development throughout the school year (on-site or off-site.)</p>	Professional Learning, Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$0	School leader, instructional coach, general and special education staff

District Improvement Plan

Academy for Business and Technology

Special Education and General Education Collaboration	The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process, Academic Support Program		Implement	08/21/2017	06/30/2018	\$0	School leader, instructional coach, teachers and support staff
Writer of the Month (elementary)	The Academy will select a K-2/3-5 writer of the month focusing each month on a specific trait (e.g. voice, details, etc.)	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Reading Specialist, Classroom Teachers, Instructional Coach, Instructional Staff, Principal
Writing Sample Submission (elementary)	Teachers will assign a Social Studies constructed response questions to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Teacher-Student Conferences (elementary)	Teachers and/or Para-professionals will conduct brief teacher student conferences regularly (weekly or bi-weekly) that include a focus on revising, editing, mechanics or grammar.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Support Staff, Instructional Coach, Principal
Writing Sample Submission (elementary)	Teachers will assign a Reading constructed response question to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring.	Technology, Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Student Data Folders and Electronic Snapshots (elementary)	All staff members will be trained on accessing data and reports for the student data folders. All instructional staff will be trained on instructional goal setting for students using benchmark results.	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$0	Instructional Coach, Teachers, Paraprofessionals, Principal

District Improvement Plan

Academy for Business and Technology

Mathematics Vocabulary (elementary)	Teachers will increase use and emphasis of mathematics vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and NWEA. Teachers will be required to keep a mathematics word wall with current vocabulary necessary for their current topic.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Daily Test Taking Skills (elementary)	Test taking skills across grade levels will be taught on a daily basis to prepare students for statewide tests and promote higher level thinking skills when reading information texts which are often lengthy and complex.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Leader, Instructional Coach and teachers

Activity Summary by School

Below is a breakdown of activity by school.

All Schools

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Monitoring and Documenting Behavior Patterns	Positive Behavior Management Support Specialist, Truancy Liasion, Hall Monitor and Social Worker will be utilized to uphold expectations, collect data, address students' needs and monitor student behavior.	Policy and Process	Tier 1	Monitor	09/05/2017	06/29/2018	\$94375	School Leader, Coach, PBIS team
Promote Literacy Through Movement (elementary)	Economically disadvantaged students will engage in dramatic play, singing and drawing to create higher interest for various genres of literature.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$1500	School leader, coach and instructional staff
ELA Coach	An ELA coach will be contracted to provide job-embedded professional development to teachers in best practices for ELA instruction. This will be done through the use of instructional learning cycles. The ELA coach will meet with teachers during staff and grade level meetings to discuss depth of knowledge, common assessments and highly effective teaching strategies. The ELA coach will observe instruction in the classroom to guide the processes and provide feedback to impact student learning.	Academic Support Program	Tier 2	Implement	08/21/2017	06/30/2018	\$15914	Instructional staff, interventionist
Implementation Support from Instructional Coach (elementary)	Title I instructional coach will support and monitor effective implementation of the Response to Intervention/Positive Behavior Intervention Support through classroom observations and feedback, modeling, and mini-lessons or workshops.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$30000	school leader, instructional coach

District Improvement Plan

Academy for Business and Technology

School Leader and Instructional Coach professional development (elementary)	Research confirms that strong leadership with support for instruction is the second most influential factor for improving schools. In order to sharpen leadership skills that support proper implementation of strategies for school improvement, the school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. These practices will center around: establishing high expectations for all, create a climate that is conducive to learning, cultivate leadership in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$10000	school leader, instructional coach
Tier I - Professional Development	Instructional Staff will understand what best practices are strategies for effective tier 1 instruction.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$550	School leader, instructional coach, instructional staff
Use of Special Education Support Staff	The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support.	Academic Support Program	Tier 3		08/21/2017	06/30/2018	\$30000	School leader, instructional coach, general education and special education staff
Preparing Students for College and Career Readiness	A guidance counselor will assist students with college preparation and provide them with information regarding career readiness.	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30372	School leader, dropout prevention specialist and guidance counselor

Academy for Business and Technology High School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
---------------	----------------------	---------------	------	-------	------------	----------	-------------------	-------------------

District Improvement Plan

Academy for Business and Technology

Monitoring by Instructional Coach (elementary)	To ensure desirable results, the instructional coaches from both campuses will document and monitor with the RtI process as a key member of the RtI team. Also, the instructional coach will monitor the execution of all lessons in each tier (Tier 1, 2 and 3) and give feedback to the instructional staff, analyze data and model research based strategies. Data will be collected by instructional coach to assist in the evaluation of strategies and best practices utilized to support the RtI process.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$148050	School leader and instructional coach
Hands-On Learning	Formative assessment will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessment strategies. Common assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement learning stations. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards, the MAISA units, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$15700	School leader, instructional coach, Title I staff and 31a staff, general education and special education staff
Staff Training on Formative Assessment	The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1288	School leader, instructional coach, support staff and general education teachers

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$17074</p>	<p>Instructional staff, instructional coach, school leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	----------------	--

District Improvement Plan

Academy for Business and Technology

Effective Tier I Instruction	As a school, station-based learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and stations. These include: activities, games, and manipulative materials (\$1259).	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1259	School leader, coach, general education and special education teachers
Planning with and use of Title I Paraprofessionals	Progress monitoring of the assessment data will be used to move students within the tiers of the Rtl model. The Title I paraprofessional will provide targeted instruction.	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$26762	School leader, instructional coach, Title I support staff
Effective Tier II and Tier III Instruction	The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$).	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$20246	Leader, coach and instructional staff
Staff Training on the Rtl Model	The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758).	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1200	School leader and instructional coach

District Improvement Plan

Academy for Business and Technology

After School and Summer School Tutoring/credit recovery	The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$42000	School leader, instructional coach and instructional staff
---	---	--------------------------	--------	-----------	------------	------------	---------	--

District Improvement Plan

Academy for Business and Technology

<p>Data Analysis</p>	<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, summative assessments, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Evaluate</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>Math department, instructional coach, school leader, support staff</p>
----------------------	--	------------------------------	---------------	-----------------	-------------------	-------------------	------------	---

District Improvement Plan

Academy for Business and Technology

	<p>receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>							
--	---	--	--	--	--	--	--	--

District Improvement Plan

Academy for Business and Technology

<p>Data Analysis</p>	<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Monitor</p>	<p>09/05/2016</p>	<p>06/30/2017</p>	<p>\$0</p>	<p>School Leader, Instructional Coach, Test Administrator, Teacher, & Support Staff</p>
----------------------	--	------------------------------	---------------	----------------	-------------------	-------------------	------------	---

District Improvement Plan

Academy for Business and Technology

	<p>assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>							
Data Analysis Professional Development	<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include but not limited to attendance at the MDE/AdvanEd school improvement conferences. (\$139)</p>	Professional Learning	Tier 1	Monitor	08/21/2017	06/30/2018	\$570	Instructional Staff, Instructional Coach, School Leader
Data Analysis Professional Development	<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include but not limited to attendance at the MDE/AdvanceEd school improvement conferences (\$139).</p>	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$570	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$15928	Instructional coach, instructional staff, school leader
--	---	--------------------	--------	---------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

	<p>instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p>							
<p>Common Core Professional Development</p>	<p>The staff will receive training on how to implementation of the common core state standards(\$160) and on how vertically align the curriculum(\$575). Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The ELA staff will select a professional text, covering best practice instruction in English language arts. This text will serve as a professional learning community for the English community (\$66).</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Monitor</p>	<p>08/21/2017</p>	<p>06/30/2018</p>	<p>\$1900</p>	<p>Instructional coach, instructional staff, school leader</p>

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Monitor	09/05/2017	06/30/2018	\$15928	Instructional Staff, Instructional coach, School Leader
--	---	--------------------	--------	---------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

	<p>instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p>							
<p>Common Core Professional Development</p>	<p>The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The mathematics staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community (\$66).</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Monitor</p>	<p>08/21/2017</p>	<p>06/30/2018</p>	<p>\$226</p>	<p>Instructional staff, Instructional Coach, School Leader</p>

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. The ELA department would like to purchase online database subscriptions for academic journals. This will benefit students as they conduct research projects (\$300). Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted the throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$5100</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	---	---------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

	purchase of test prep books and materials. (\$1200)							
Content Area Reading	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Magazine subscriptions will be purchased for all-content areas to help implement this activity. A high school test prep class is in place to prepare sophomores and juniors for the state assessment in April.</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$6200	Instructional staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Special Education and General Education Collaboration	The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process, Academic Support Program		Implement	08/21/2017	06/30/2018	\$0	School leader, instructional coach, teachers and support staff
---	---	--	--	-----------	------------	------------	-----	--

District Improvement Plan

Academy for Business and Technology

Discovery Learning and Read World Application	<p>Time will be devoted in every math classroom for student discovery of math concepts and real-world applications. Every math unit will incorporate time for student discovery. Teachers will need manipulatives, measuring tools, and technology to give students opportunities to experiment with, and make conclusions about, math facts and concepts (\$4865). Math teachers will incorporate real-world applications into every math unit. The math department and instructional coach will meet every month to determine the effectiveness of the use of discovery and real-life applications in their math classes. Effectiveness will be determined by results of daily problem, discussions with support staff and summative chapter assessments. Results will be shared with the school leader. STEM classes are geared to increase the students' interest in science, technology, engineering, and math. The classes are hands-on to show students how technology is used in engineering to solve everyday problems. Students will learn and apply design process, acquire strong teamwork and communication proficiency, and develop organizational, critical thinking, and problem-solving skills. Focus is on teaching students to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The STEM classes will require supplies in order to create hands-on learning opportunities (\$655).</p>	Direct Instruction	Tier 1		09/05/2017	06/30/2018	\$5520	Instructional Staff, Instructional coach, School Leader
---	---	--------------------	--------	--	------------	------------	--------	---

District Improvement Plan

Academy for Business and Technology

Use of Special Education Support Staff	The paraprofessionals will have an increase in classroom support built into their schedule (\$30,000)	Academic Support Program		Implement	09/05/2017	06/30/2018	\$30000	School leader, instructional coach, general education and special education staff
Professional Development on Inclusion in Middle and High School	All staff will receive inclusion professional development though out the school year (on-site or off-site.)	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$500	School leader, instructional coach, general and special education staff
Staff Training on Formative Assessment	The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1288	Instructional staff, Instructional Coach, School Leader
Academic Lab	To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulative materials, technology and supplies.	Academic Support Program		Getting Ready	09/05/2017	06/30/2018	\$600	School leader, special education teaching staff

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$19241</p>	<p>Instructional Staff, Instructional Coach, School Leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	----------------	--

District Improvement Plan

Academy for Business and Technology

Effective Tier I Instruction	As a school, student-centered teaching for learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon and Engaged NY for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and learning centers. These include: activities, games, and manipulative materials. Using summative assessments, formative assessments, benchmark data, and online assessment programs the mathematics department will create a list of skills that each student has a deficit in and in conjunction with the Common Core State Standards focus on these.	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1832	Instructional Staff, Instructional Coach, School Leader
Effective Tier I Instruction	As a school, station-based learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. Each grade level will utilize the MAISA units on Atlas Rubicon for ABTH school-wide curriculum. The teachers will need the necessary materials to implement effective tier I instruction and stations. These include: activities, games, and manipulative materials (\$1259).	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$1259	School leader, instructional coach, general education and special education teachers
Staff Training on the RtI Model	The staff will be provided with professional development (\$180) on the RtI model. In addition, teachers will receive RtI training off-site (\$758).	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$938	School leader, instructional coach and general and special education teachers

District Improvement Plan

Academy for Business and Technology

After School and Summer School Tutoring/Credit Recovery	The after-school tutoring/credit recovery program will take place 2 days a week throughout the school year. A Department-wide tutoring volunteer program will take place during the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school, summer school, and credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$1955	Instructional staff, instructional coach, support staff, school leader
Effective Tier II and Tier III Instruction	The instructional staff will use formative and summative assessments as well as the academy's benchmark assessments to target areas of academic weakness. This data will guide the decision-making process when determining which students may need interventions.	Academic Support Program	Tier 2	Implement	09/05/2017	06/30/2018	\$1806	Instructional staff, instructional coach, school leader
Staff Training on Differentiated Instruction	The staff will receive training on formative assessment. This will require the purchase of training materials. Follow-up observations will occur throughout the year.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1288	School leader, instructional coach and general and special education teachers

District Improvement Plan

Academy for Business and Technology

<p>Hands-on Learning</p>	<p>Formative assessments will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessments. Common assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement formative assessment and learning centers. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Time will be embedded on some professional development days and in the daily schedule to allow for collaboration during the school year. Lesson plans will be based on Michigan standards and Common Core State Literacy Standards using the MAISA units in Atlas Rubicon. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>Instructional Coach, Teachers & Support Staff</p>
--------------------------	--	---------------------------	---------------	------------------	-------------------	-------------------	------------	--

District Improvement Plan

Academy for Business and Technology

Integrating Technology	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$8574	Instructional staff, instructional coach, school leader
Staff Training on the Rtl Model	<p>The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758).</p>	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$938	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

<p>Data Analysis</p>	<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/29/2018</p>	<p>\$0</p>	<p>School Leader, Instructional Coach, Teachers & Support Staff</p>
----------------------	--	------------------------------	---------------	------------------	-------------------	-------------------	------------	---

District Improvement Plan

Academy for Business and Technology

	<p>assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>							
<p>After School and Summer School Tutoring/Credit Recovery</p>	<p>The after-school tutoring program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week, The after-school and summer school/credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.</p>	<p>Academic Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$1955</p>	<p>Instructional Staff, Interventionist, Instructional Coach, School Leader</p>
<p>Data Analysis Professional Development</p>	<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning.</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Implement</p>	<p>08/22/2016</p>	<p>06/30/2017</p>	<p>\$570</p>	<p>Instructional staff, instructional coach, school leader</p>

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$13652	Instructional staff, instructional coach, school leader
--	---	--------------------	--------	-----------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

	<p>instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p>							
Planning with and use of Title I Paraprofessional	<p>An interventionist will use the data gathered by the RtI team to target and assist with individual student needs. Grouping will be flexible. The interventionist will assist students will additional materials needed to address learning gaps. The students' progress will be monitored and reported back to the classroom teachers and the RtI team.</p>	Academic Support Program	Tier 1		08/21/2017	06/30/2018	\$35700	Intervention aide, Instructional Coach, School Leader
Common Core Professional Development	<p>The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The mathematics staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community (\$66).</p>	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$226	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. Student copies of literature needs to be purchased to supplement the curriculum (\$2700) Magazine subscriptions (\$200) will be purchased for all-content areas to help implement this activity. Leveled readers for a school library will need to be purchased (\$3200). Test prep conducted throughout the school year will be used to review and prepare students for the M-Step & SAT. A high school Test prep class will continue for the 2017-2018 school year, to prepare sophomores and juniors for the SAT test. This will require the purchase of test prep books and materials. (\$1200)</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$500</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	---	---------------------------	---------------	------------------	-------------------	-------------------	--------------	--

District Improvement Plan

Academy for Business and Technology

Effective Tier II and Tier III Instruction	<p>The academy will purchase a research-based reading intervention materials to be used with tier II and tier III students. To monitor the progress of the students in tiers II and III, the academy will be using a progress monitoring tool(\$1500). The progress monitoring tool will be administered three times annually and Tier III students will be progress monitored monthly. Data from the tests will be analyzed to determine growth. In order to fill the gaps revealed by the assessment data, the academy will use a online intervention program to provide individualized instruction (\$).</p> <p>A basic math course is in place for tier II and tier III students. Students will be chosen from the newly enrolled ABT high school students who score in the lowest 25% of their respective class on the NWEA, a nationally-normed test. By using the data from the NWEA results, staff will be able to identify students who need more instruction, presented in different ways, to acquire needed computational and problem-solving skills to be successful in higher level math classes. All the new students will take a placement test before the first day of the school year so they will be placed in the math class that best matches their computational and problem-solving skills. Two Title I teachers (\$39,535) will be needed to staff the basic math classes.</p>	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$41096	Instructional Staff, Instructional Coach, School Leader
--	---	--------------------------	--------	-----------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

Special Education and General Education Collaboration	The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process	Tier 1		08/21/2017	06/30/2018	\$0	Instructional Coach, School Leader, General Education/ Special Education Teachers/Staff
Special Education and General Education Collaboration	The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process	Tier 3	Implement	09/05/2017	06/30/2018	\$0	School leader, instructional coach, teachers and support staff
Use of Special Education Support Staff	The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support.	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$30000	School leader, instructional coach, general education and special education staff

District Improvement Plan

Academy for Business and Technology

Use of Special Education Support Staff	The paraprofessionals (LRE aides and one-on-one aides) will be provided a schedule that maintains a high level of classroom and individual student support.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30000	School Leader, Instructional Coach, General Education and Special Education staff
Professional Development on Inclusion in Middle and High School	All staff will receive inclusion professional development throughout the school year (on-site or off-site.)	Professional Learning	Tier 3	Implement	08/21/2017	06/30/2018	\$0	School leader, instructional coach, general and special education staff
Professional Development on Inclusion in Middle and High School	All staff will receive inclusion professional development throughout the school year (on-site or off-site.)	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$0	School Leader, Instructional Coach, General Education and Special Education Staff
Academic Lab	To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulatives, technology and supplies.	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$600	School leader, special education teaching staff

District Improvement Plan

Academy for Business and Technology

Academic Lab	To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulatives, technology and supplies.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$600	School Leader, Special Education Teaching Staff
--------------	--	--------------------------	--------	-----------	------------	------------	-------	---

District Improvement Plan

Academy for Business and Technology

<p>Real World Learning and Discovery</p>	<p>Students participate in a hands-on lab to apply what they learned for that topic's direct instruction. Labs reinforce student learning through performance-oriented critical thinking skills. This will support differentiated instruction as described in the transformation / redesign plan for the school. The science lab facilities will need to be updated for safety. This will require the purchase of lab, health and safety equipment. (\$3471) Science department staff will monitor proficiency of students through lab performance to determine if learning objectives have been met, and where modifications to instructional techniques and procedures are required. This supports data driven instruction as contained in the school's master plan. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based on Michigan content standards/NGSS, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs. Every unit will integrate a real-world application where the student can connect the science concept addressed in the unit to the world around them. In order to make these real world connections, the students will have the opportunity to take field trips, in order to participate in cross-curricular activities and build real world connections for students. Every unit will also offer the opportunity for students to construct their own knowledge by teacher-guided inquiry, where the student builds new knowledge from what they already know. Students are</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$4781</p>	<p>Science department staff, academic coach, school leader, support staff.</p>
--	---	---------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

	<p>Students are able to build on prior knowledge and develop the new science concept presented through hands-on activities that will enable them to make the connection to their own world. Concepts selected for the discovery method will be determined through analysis of pre-assessment results as prescribed by the transformation / redesign plan. STEM classes are geared to increase the students' interest in science, technology, engineering, and math. The classes are hands-on to show students how technology is used in engineering to solve everyday problems. Students will learn and apply design process, acquire strong teamwork and communication proficiency, and develop organizational, critical thinking, and problem-solving skills. Focus is on teaching students to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The STEM classes will require supplies in order to create hands-on learning opportunities (\$655). Formative assessment will be reflected in the teachers' lesson plans in all core subjects. Frequent observations will take place by the instructional coach to ensure the implementation of formative assessment strategies. Common assessments, report cards, and standardized tests will be analyzed to report cards, and standardized tests will be analyzed to determine the effectiveness of the activity. The teachers will need the necessary materials to implement learning stations. These include: activities, games, and manipulative materials. Teachers will collaborate within departments and across the curriculum to guide the planning. Lesson plans will be based</p>							
--	--	--	--	--	--	--	--	--

District Improvement Plan

Academy for Business and Technology

	be based on Michigan content standards, the MAISA units, and the Common Core State Standards. Teachers will use a variety of strategies that differentiate lessons and assessments, based on student readiness, learning styles, and needs.							
Staff Training on Formative Assessment	The staff will receive training on formative assessment and integration of NGSS content standards. This will require the purchase of training materials. Follow-up observations will occur throughout the year.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1288	School leader, instructional coach, support staff and general education teachers

District Improvement Plan

Academy for Business and Technology

<p>MSHS Integrating Technology</p>	<p>The staff will integrate technology across the curriculum in order to deepen and enhance the learning process. To accomplish this, the technology will support active engagement, participation in groups, frequent interaction and feedback, and connection to real-world experts. This integration will be achieved by making the use of technology part of a routine as it supports curricular goals. An online program (5,000) will be used to remediate areas of deficiency and encourage practice on grade level content/common core expectations This program will allow students to work at their ability level. The online program provides its own assessment piece. Classroom teachers will analyze the data from these assessments to determine growth. To ensure an effective integration of technology, interactive boards and the technology to run them, will be added to select classrooms. Each department and the middle school classrooms need an additional set of iPads, Chromebooks, laptops or tablets. These can be used for for classroom activities as needed by teachers. Students will have access to school computer labs, desktops, and/or laptops as needed by teachers. Students will be able to use this technology (\$12,000) to do research for papers and projects, take assessments, and produce reports.</p>	<p>Technology</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$20574</p>	<p>Instructional staff, instructional coach, school leader</p>
------------------------------------	--	-------------------	---------------	------------------	-------------------	-------------------	----------------	--

District Improvement Plan

Academy for Business and Technology

<p>MSHS Data Analysis</p>	<p>The analysis of data through the instructional learning cycles will become a function of the department teams and will assist ABTHS to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$0</p>	<p>Science instructional staff, instructional coach, school leader, support staff.</p>
---------------------------	--	---------------------------	---------------	------------------	-------------------	-------------------	------------	--

District Improvement Plan

Academy for Business and Technology

	<p>assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>							
<p>Data Analysis Professional Development</p>	<p>The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning. The training will include professional development on formative assessment project (\$431), and attendance at the MDE/AdvanceEd school improvement conferences (\$139).</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Implement</p>	<p>08/21/2017</p>	<p>06/30/2018</p>	<p>\$570</p>	<p>Instructional staff, instructional coach, school leader</p>

District Improvement Plan

Academy for Business and Technology

Teaching the Common Core State Standards	<p>In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), By focusing on continuous improvement, the staff will provide exemplary practices that will increase learning and achievement. The staff will:</p> <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop/adjust year at a glance maps and pacing guides. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. <p>In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will develop/adjust year at a glance map and pacing guides. These maps/pacing will be derived from the academy's standards-driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the maps/pacing will provide a consistent access to the standards and the curriculum throughout the school year. This activity will be monitored by the instructional coach (\$13,552) and school leader and will be evidenced by the submission of the year at a glance documents, along with lesson plans that follow them. The instructional coach will require an online</p>	Direct Instruction	Tier 1	Implement	09/05/2017	06/30/2018	\$15928	Instructional staff, instructional coach, school leader
--	---	--------------------	--------	-----------	------------	------------	---------	---

District Improvement Plan

Academy for Business and Technology

	<p>instructional coach will require an online observation tool/app to record observations, transmit feedback, and generate data (\$100). The staff will have an opportunity to collaborate as they vertically and horizontally make sure their maps/pacing are aligned in the summer and throughout the school year.</p>							
<p>Common Core Professional Development</p>	<p>The staff will receive training on how to best implement the common core state standards/NGSS in their classrooms. These materials and professional developments will focus on Inquiry-based learning and instruction/assessment aligned with NGSS. This is essential for the M-Step conversion to NGSS by 2018. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards/NGSS. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The staff will study the content area text to study in a professional learning community (\$66).</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Implement</p>	<p>08/21/2017</p>	<p>06/30/2018</p>	<p>\$226</p>	<p>Instructional staff, instructional coach, school leader</p>

District Improvement Plan

Academy for Business and Technology

<p>Content Area Reading</p>	<p>All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. Using the reader's apprenticeship program, the content-specific teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing SAT/MME & M-Step test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework. The science/health department will purchase and use various forms of literature for example magazines,books, journals and ect to help build literacy skills and content understanding of students. These resources could be in print and/or digital forms. Subscriptions need to be purchased for all-content areas to help implement this activity. M-step/SAT/MME preparation will occur throughout the year in content classes as well as Test Prep. Teacher will utilize various online programs, other software applications, or various printed test prep materials to prepare students.</p>	<p>Direct Instruction</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/30/2018</p>	<p>\$6200</p>	<p>Instructional staff, instructional coach, school leader</p>
-----------------------------	--	---------------------------	---------------	------------------	-------------------	-------------------	---------------	--

District Improvement Plan

Academy for Business and Technology

Effective Tier I Instruction	As a school, student-centered teaching for learning will be become a focus for improving the ABTHS school-wide universal (core) instructional practices and strategies. More effective Tier I instruction will allow for consistent learning throughout the school. The science department will utilize the Rubicon Atlas or NGSS compatible curriculum to teach students about the world around them through science. The teachers will need the necessary materials to implement effective tier I instruction and learning centers. These include: activities, games, and manipulative materials	Direct Instruction	Tier 1	Implement	08/21/2017	06/30/2018	\$3538	School leader, coach, general education and special education teachers
Staff Training on the Rtl Model	The staff will be provided with professional development (\$180) on the Rtl model. In addition, teachers will receive Rtl training off-site (\$758).	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$938	School leader and instructional coach
Tier I - Professional Development	Instructional staff will understand class differences and strategies for effective tier 1 instruction.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$550	School leader, instructional coach, instructional staff
Tier I - Professional Development	Instructional staff will understand class differences and strategies for effective tier 1 instruction. They will learn how to create a classroom of mutual respect and guidance.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$550	School leader, instructional coach, instructional staff
Tier I - Professional Development	Instructional Staff will understand what best practices are strategies for effective tier 1 instruction.	Professional Learning	Tier 1		08/21/2017	06/30/2018	\$550	School leader, instructional coach, instructional staff

District Improvement Plan

Academy for Business and Technology

Special Education and General Education Collaboration	The special education teachers will collaborate weekly with the general education teachers with whom they work. The special education teachers will also collaborate weekly with the one-on-one aides with whom they work. The special education team provides every teacher and paraprofessional with all special education IEP summary. The special education team will also present, to the staff, during teacher professional development days prior to the first day of school. Special education students' academic and behavior data will be monitored through PBIS and individualized programs. Through collaboration weekly meetings, general and special education teachers will analyze special education students' academic and behavior data and assessments. General education teachers will make lesson plans and materials available on a weekly basis.	Policy and Process		Implement	08/21/2017	06/30/2018	\$0	School leader, instructional coach, teachers and support staff
Professional Development on Inclusion in Middle and High School	All staff will receive inclusion professional development though out the school year (on-site or off-site.)	Professional Learning, Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$0	School leader, instructional coach, general and special education staff
Academic Lab	To provide a higher level of student-centered learning, Special Education students who need additional assistance will be placed in an academic lab. This will serve as a systematic approach in addressing a combination of individual IEP needs/specific goals, organizing skills and support in meeting the general education curriculum through: extended time, reteaching, one-on-one assistance and tutoring. The academic lab will take the place of an elective hour and will be on a pass/fail basis. The resources needed for the teacher to run class and to promote student success are the following; manipulative materials, technology and supplies.	Academic Support Program	Tier 3	Implement	09/05/2017	06/30/2018	\$600	School leader, special education teaching staff

District Improvement Plan

Academy for Business and Technology

Monitoring Student Behavior and Support of Expectation	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$89128	School leader, instructional coach, teachers, behavior counselor/director of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Professional Development for Motivating High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$1100	School leader, instructional coach, instructional staff
Monitoring Student Behavior and Support of Expectations	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$88018	School leader, instructional coach, teachers, behavior counselor/director of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison

District Improvement Plan

Academy for Business and Technology

Preparing Students for College and Career Readiness	A guidance counselor will assist students with college preparation and provide them with information regarding career readiness	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30372	School leader, dropout prevention specialist, and guidance counselor
Professional Development for Motivating High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$1100	School leader, instructional coach, instructional staff
Monitoring Student Behavior and Support of Expectations	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$38018	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Preparing Students for College and Career Readiness	A guidance counselor and a dropout prevention specialist (\$7170) will assist students with college preparation and provide them with information regarding career readiness	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$7170	School leader, dropout prevention specialist, and guidance counselor

District Improvement Plan

Academy for Business and Technology

Professional Development for Motivating Middle and High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	08/21/2017	06/30/2018	\$0	School leader, instructional coach, instructional staff
Monitoring Student Behavior and Support of Expectations	Use LOG Entries to document referrals and use data to analyze student behaviors. A positive behavior support team member will work with students to promote positive behavior (\$27,353). Also, the RtI/PBIS team will be assisted in the implementation and monitoring of behavior plans (\$27,353). A social worker (\$25,616) will be on staff to support student behavior. A truancy liaison will be put into place to monitor attendance (\$8,806).	Behavioral Support Program	Tier 1	Implement	09/05/2016	06/30/2017	\$38018	School leader, instructional coach, teachers, behavior counselor/dean of students, behavior management interventionist, behavior-based school advocates, social worker, and truancy liaison
Preparing Students for College and Career Readiness	A guidance counselor will assist students with college preparation and provide them with information regarding career readiness	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$30372	School leader, guidance counselor and a dropout prevention specialist
Professional Development for Motivating High School	The staff will receive training on positive behavior intervention support. The implementation of this program will be monitored by the PBIS coach. The staff will also be trained in culturally responsive instruction and growth mindset.	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$1100	School leader, instructional coach, instructional staff
Curriculum Instruction and Assessment	Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards).	Curriculum Development, Technology	Tier 1	Implement	09/05/2017	06/30/2018	\$750	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

After School and Summer School Tutoring/Credit Recovery	The after-school tutoring/credit recovery program will take place 2 days a week throughout the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school and summer school/credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/30/2018	\$1955	School leader, instructional coach and instructional staff
Teacher Training on Culturally Responsive Instruction	Teachers will receive professional development that will help them acquire the tools and strategies which support learning for our diverse student population.	Behavioral Support Program	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$400	Instructional Staff
Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$4500	Administration
MSHS Curriculum Instruction and Assessment	Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards).	Curriculum Development, Technology	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$1500	School leader, instructional coach, instructional staff
School Improvement Coach - MSHS	The school improvement coach will provide assistance to the academy's School Improvement team in planning, implementing, monitoring, and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs. The coach will promote a knowledge base of effective strategies, assist in on-site professional learning, and participate in ongoing and extensive professional development.	Policy and Process	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	School improvement team

District Improvement Plan

Academy for Business and Technology

Collaboration between Special Education Teachers and MSHS General Education Staff	Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Academic Support Program		Getting Ready	09/05/2017	06/30/2018	\$0	Special education and general education staff
MSHS Inquiry-based Science Instruction	Using data from science benchmarks, the school leader along with the staff will select and purchase scientific related resources to address the areas of concern. Science kits, live animals, leveled readers, additional science lab materials will be purchased to transform our science class offering inquiry based and hands-on instruction dependent upon the Michigan Science Standards or NGSS.	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$8500	School leader, instructional coach, science staff
Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$4500	Administration
MSHS Curriculum Instruction and Assessment	Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards/NGSS).	Direct Instruction	Tier 1		09/05/2017	06/30/2018	\$0	School leader, instructional coach, instructional staff

District Improvement Plan

Academy for Business and Technology

MSHS School Improvement Coach	The school improvement coach will provide assistance to the academy's School Improvement team in planning, implementing, monitoring, and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs. The coach will promote a knowledge base of effective strategies, assist in on-site professional learning, and participate in on-going and extensive professional development.	Policy and Process	Tier 1	Implement	09/05/2017	06/30/2018	\$15000	School Improvement Team
Collaboration between Special Education Teachers and MSHS General Education Staff	Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Academic Support Program		Getting Ready	09/05/2017	06/30/2018	\$0	Special education staff, general education staff
MSHS Math Coach	A Math coach will be contracted to provide job-embedded professional development to teachers in best practices for mathematics instruction. This will be done through the use of instructional learning cycles. The Math coach will meet with teachers during staff and grade level meetings to discuss depth of knowledge, common assessments and highly effective teaching strategies. Math coach will observe instruction in the classroom to guide the processes and provide feedback to impact student learning.	Curriculum Development, Walkthrough, Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$15914	School Leader, Instructional Coach

District Improvement Plan

Academy for Business and Technology

Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations for all, create a climate that is conducive to learning, cultivate leadership in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$4500	Administration
Curriculum, instruction and assessment	Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards, Michigan Science Standards, and Social Studies Standards).	Academic Support Program	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$0	Instructional Staff, Instructional Coach, School Leader
School Improvement Coach	The school improvement coach will provide assistance to the academy's School Improvement Team in planning, implementing, monitoring and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs.	Curriculum Development, Policy and Process	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	School Leader, Instructional Coach, Leadership team

District Improvement Plan

Academy for Business and Technology

Collaboration with general education teacher and special education teacher	Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Teacher Collaboration	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$0	School Leader, Instructional Coach, Instructional Staff
School Improvement Coach	The school improvement coach will provide assistance to the academy's School Improvement Team in planning, implementing, monitoring and evaluating school improvement strategies in order to ensure fidelity and effectiveness, including the coordination and implementation of federal, state, and local resources and programs.	Curriculum Development, Policy and Process	Tier 1		08/21/2017	06/30/2018	\$19500	School Leader, Instructional Coach, Leadership Team
Collaboration with general education teacher and special education teacher	Lesson plans will be completed in collaboration between general education and special education teachers. The general education teacher prepares the first draft of the lesson plan. The special education and general education teachers then meet to discuss the plan. The special education teacher then creates a separate lesson plan, which mirrors the general education plan but modifies it based on the needs of the special education students in the class. Modification and accommodations (assignments, notes, tests, etc.) will be provided by both the general education and special education teachers. During the designated collaboration time, it will be determined what responsibilities will be completed by whom. Planning time will be built into the schedule to allow for this collaboration time.	Teacher Collaboration	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$0	School Leader, Instructional Coach, Instructional Staff

District Improvement Plan

Academy for Business and Technology

Administration Professional Development	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	08/21/2017	06/30/2018	\$1500	Administration Team
Monitoring	The dropout prevention coordinator will keep records of the status of all students and report to the homeless liaison if a student becomes homeless. Both will then monitor the student's attendance, academics, and behavior and refer the student to the appropriate staff member if needed.	Academic Support Program, Recruitment and Retention	Tier 1	Getting Ready	09/05/2017	06/30/2018	\$15000	School Leader, Dropout Prevention Coordinator, and Homeless Liaison.
Professional Development	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have a better student growth.	Curriculum Development, Technology, Academic Support Program	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$1000	Instructional Coach
Professional Development - Naiku	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Instructional Coach
After School tutoring and Summer School tutoring/Credit Recovery	The after-school tutoring program/credit recovery will take place 2 days a week throughout the school year. A Department-wide tutoring volunteer program will take place during the school year. Summer school will be held 5 weeks in the summer, at 16 hours per week. The after-school, summer school and credit recovery programs will need teacher resources, student workbooks, technology, and manipulative materials to work with the students.	Academic Support Program	Tier 1	Implement	09/05/2017	06/30/2018	\$2700	School leader, Instructional coach, Instructional Staff

District Improvement Plan

Academy for Business and Technology

Professional Development	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Instructional Coach
Professional Development	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Getting Ready	08/21/2017	06/30/2018	\$4000	Instructional Coach

Academy for Business and Technology Elementary

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Daily Review and Practice of Skills with Technology (elementary)	Students will be given the opportunity to use technology to continuous review and practice skills and standards that strengthen issues of concern. Site licenses will be purchased to provide leveled, adaptive and targeted visual stimulation to deliver instruction in an animated way on a daily basis to increase mastery. These site licenses consists but not limited to of Study Island, Compass Learning, Reading A-Z, Tumble Books, Vocabulary A-Z, Reading Horizons and other progress monitoring tools.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$14000	School leader, instructional staff, teachers, and support staff
Sustainable Professional Development on Effective Use of Technology for Reading (elementary)	Instructional staff along with administration will conduct a needs assessment on the level of understanding of increasing achievement with technology. At least two PD sessions will be offered, either on or off site to offer strategies and techniques to infuse technology into teaching.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$3500	School leader, instructional coach and teachers
Monitoring by Instructional Coach (elementary)	To ensure desirable results, the instructional coaches from both campuses will document and monitor with the RtI process as a key member of the RtI team. Also, the instructional coach will monitor the execution of all lessons in each tier (Tier 1, 2 and 3) and give feedback to the instructional staff, analyze data and model research based strategies. Data will be collected by instructional coach to assist in the evaluation of strategies and best practices utilized to support the RtI process.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$148050	School leader and instructional coach

District Improvement Plan

Academy for Business and Technology

Strategic Planning of Support from Title I staff (elementary)	Student will receive on a daily basis extended learning opportunities from Title I teachers as a response to examination of their scores from universal screeners, diagnostic tools and progress monitoring tools. Title teachers will work with general education/classroom teachers to create a plan that will guide the students in increasing comprehension, fluency, phonemic awareness and other areas of difficulty that students experience in reading.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$161000	School leader, instructional coach, Title I teachers
Daily Use of Evidence and Research Based Interventions and Manipulative Use (elementary)	Paraprofessionals, 31a and Title I teachers will use leveled readers, manipulative, games, trade books, informational texts (low leveled-high interest), and kits to help enhance understanding of standards and skills during all tiers of instruction.	Direct Instruction	Tier 3	Monitor	09/05/2017	06/29/2018	\$6200	School leader, instructional coach, all instructional staff
Utilizing Additional/Extended Learning Opportunities to Increase Growth (elementary)	Summer School, After School Tutoring in collaboration with the Rtl will be used as extended time to deliver implicit and intentional interventions to students in small groups with various resources for both summer school and after school. STEM education will be one way but not limited to in which, we can increase student engagement and participation in order to see real results.	Academic Support Program	Tier 3	Monitor	09/05/2017	06/29/2018	\$31196	School leader, instructional coach, teachers and support staff
Meaningful Professional Development on Teaching At-Risk Youth/Rtl (elementary)	After a CNA from the instructional staff on using the Rtl with various subgroups and at-risk youth, two or more sessions will be offered, and staff will be encouraged to attend. The staff will be expected to use strategies learned and the administrative staff will follow up with walk-through and feedback to gauge fidelity and implementation of evidence based strategies.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$5200	School leader, instructional coach, instructional staff
Supplemental Writing Resources/Materials (elementary)	The staff selected supplemental materials to help support the core and WriteSteps and address the foundational skills that the students lack to help promote proficiency on all local and statewide testing.	Supplemental Materials	Tier 2	Implement	09/05/2017	06/29/2018	\$1000	School leader, instructional coach, instructional staff
Best Practices of Writing Across Curriculum (elementary)	Writing and the components that contribute to the traits of a "good writer" will be discussed at selected professional developments to support the existing program. Writing samples will be used to grade together using the same rubric to make sure that we are all using the rubric with fidelity.	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$1000	School leader, instructional coach, instructional staff

District Improvement Plan

Academy for Business and Technology

Routine Data Analysis for Evaluation and Planning (elementary)	Use data warehouses like MI School Data that assist with compiling data and the school improvement process will be utilized to drive instruction and continuous improvement. Survey Monkey and survey data from the surveys in Assist will be used as data points for school wide reflection and change.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$800	School leader and instructional coach
Professional Development on Using Data to Impact Achievement (elementary)	On and off site professional developments (Wayne RESA and MDE) will be offered to discuss avenues and methods to use data more effectively to improve the growth of student success.	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$3500	School leader, instructional coach, instructional staff
Increase of Engagement Strategies in Classroom (elementary)	Students will make connections to real life in when making connections to literature of all genres to increase understanding when viewing videos, movies and simulations related to prior knowledge and introducing new concepts in reading and writing with United Streaming (can be used in all content areas).	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$1000	School leader, instructional coach and instructional staff
Educate Families Monthly on Reading and Writing Strategies	Families will be invited on a monthly basis to participate in games, listen to presenters, engage in dialogue with the teachers and staff, specialists and community organizations to help them educate their child.	Parent Involvement	Tier 1	Implement	09/05/2017	06/29/2018	\$11000	School leader, instructional staff, instructional coach, Parent groups
Provide Professional Development for Staff to Make Connections with Parents (elementary)	The administrative team will plan for at least two professional development days on ways to increase parental involvement.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$1500	School leader and instructional coach
Use of Evidence Based Strategies to Support D.I. (elementary)	After implicit lesson planning from the teacher to reach the needs of the learners, the students will demonstrate understanding of concepts through use of various manipulatives, technology and the integration of literature with math to make connections to real life.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$3000	School leader, instructional coach and instructional staff
Use of Technology to Support Math Skills	Students will use software progress monitoring tools to assess levels of learning and for review and daily practice. Teachers will also use Smartboard, laptops, Chromebooks and iPads to engage learners in ways to compute and reasoning in relationship to mathematical concepts.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$10000	School leader, instructional staff and instructional coach

District Improvement Plan

Academy for Business and Technology

Use of General Budget & Grant Funded Support Staff to Deliver Targeted Interventions (elementary)	Students will receive more targeted instruction for science from support 31a staff such as 31a teachers and 31a instructional aides/paraprofessionals on more of a continuous basis. Use 31a funds or Title I funds for support staff and materials necessary to carry out a functional STEM special class.	Academic Support Program	Tier 1	Implement	08/14/2017	06/29/2018	\$157635	School leader, coach, instructional staff
Allocate Science Resources for Interventions and Use with Fidelity (elementary)	Using data from Science benchmarks, the leader along with staff will select and purchase scientific related resources to address the areas of concern. Science kits, live animals, leveled readers, additional science lab materials will be purchased to transform our science classes offering inquiry and STEM concepts based on the Next Generation Science Standards.	Supplemental Materials	Tier 1	Getting Ready	08/14/2017	06/29/2018	\$40000	School leader, instructional staff and coach
Make Connections to Every Day life (elementary)	Sources such as ScienceA-Z.com and Brainpop.com demonstrate to the learners how science is a daily part of our lives and explains terms that will aide students in understanding narrative text and promote test taking skills.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	School leader, instructional coach and staff
Annual Field Trips and Hands-On Experiences (elementary)	Annually, students will take trips off site and take advantage of scientists that will come to the school to help with mastery of material and understand grade level expectations and the Next Generation Science Standards. Teachers will offer more hands-on learning opportunities throughout the school year.	Field Trip	Tier 1	Implement	09/05/2017	06/29/2018	\$5000	School leader, instructional coach and staff
Increase Exposure to Informational Text	Students will build stamina when reading longer passages that are similar to the passages present on standardized statewide test and curriculum assessments and receive more literature on topics that they might not have been exposed to in the past that often contributes to them losing interest and decrease in comprehension. The informational text will integrate STEM concepts and offer core content while relating material to real world concepts.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$8000	School leader, coach and staff
Incorporate Math and Literacy Kits into Weekly Math lessons (elementary)	Teachers will help students make the connection to math and everyday life when integrating weekly lessons with math (number and operations, geometry, time, money, problem solving, algebra, etc) with various genres of literature through our STEM program and in the general education Tier I classes.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$4000	School leader, instructional coach and staff

District Improvement Plan

Academy for Business and Technology

Use More Math Academic Vocabulary (elementary)	The instructional staff will promote the use of academic vocabulary with test taking skills and problem solving when teaching the common core. Daily review and introduction of academic vocabulary will be a component of each lesson and monitored during walkthroughs to assist teachers with modeling of lessons and ensure students are being exposed to the vocabulary.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$850	School leader, coach and instructional staff
Utilize manipulative (elementary)	The school will purchase mathematics manipulatives to aide teachers and instructional support staff at all grade levels in the mastery of mathematical concepts. For example, but not limited to flash cards, rulers, measuring instruments, calculators, etc.	Supplemental Materials	Tier 1	Monitor	09/05/2017	06/29/2018	\$5750	school leader, coach and administration
Preparing Students for College and Career Readiness	Guidance Counselor and/or social worker along with instructional staff will ensure that the students are ready for graduation while assisting with EDP, providing agency support to at risk youth, making connections in the community to educate families on career and college readiness.	Behavioral Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$65000	School leader, coach and counselor
Professional Development on Common Core Standards (elementary)	Staff members will participate in a professional development on common core state standards.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	How to Teach Thinking Skills within the Common Core (Bellanca, et. al., 2012)
Special Education Support and Co-planning (elementary)	General education staff and special education will work collaboratively to meet the needs of students on a daily and weekly basis to design effective lesson planning to elevate scores and increase mastery on statewide and local assessments.	Academic Support Program	Tier 3	Implement	09/05/2017	06/29/2018	\$0	School leader, Coach and instructional staff
Data Driven After School Program (elementary)	ELL students will receive support with weekly small group instruction for skills of weakness derived for the WIDA, M-Step and Scantron testing with multiple evidence and research based strategies.	Academic Support Program	Tier 2	Implement	08/14/2017	06/29/2018	\$32210	Leader, instructional coach and instructional staff
Use of Technology (elementary)	Nooks will be used along with iPads, Chromebooks, laptops, and various site licenses such as Reading A to Z and MOby Max to engage learners and decrease the gap in achievement. STEM integration will also be used to integrate all content areas, increase problem solving strategies and increase technology use in all areas.	Technology	Tier 2	Implement	08/14/2017	06/29/2018	\$1110	Leader, instructional coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Use of Instructional Aides (elementary)	Paraprofessional/Instructional aides from Title I and 31a will provide targeted interventions for students.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$267000	School leader, coach, instructional staff
Integrate Social Studies Material in All Content Areas (elementary)	Teacher will intentionally design and plan to integrate social studies content in science, math, writing and reading along with art and music to develop an interest in students and help them understand the connections to the content and their lives.	Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$1350	Leader, Instructional Coach and teachers
On Campus and Off Campus Hands-on Experiences (elementary)	Revenue will be allocated to provide students with field trips to different venues to visualize the literature read in the classroom and community partnerships will come to the school site to speak and interact with the students.	Field Trip	Tier 1	Implement	09/05/2017	06/29/2018	\$1820	Leader, Instructional coach and teachers
Exposure to Various Types of Informational Text (elementary)	Leveled readers, magazines, publications, websites, newspapers and television programs will be used to deliver instruction related to Social Studies skills and standards to broaden and increase the mastery of the expectation of student learning targets.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$750	Leader, Instructional Coach and instructional staff
Monitor of Instructional Coach (elementary)	The coach will give weekly feedback on lesson plans, model lesson delivery, and monitor the fidelity of which teachers have planned for D.I. in their lesson planning. Various sources of data will be analyzed to determine the effectiveness of the strategies being utilized in the classroom.	Policy and Process	Tier 1	Monitor	09/05/2017	06/29/2018	\$144000	Leader, Instructional coach and teacher
Create and Use Mapping and Pacing Guides (elementary)	During the school year, the teachers will devise maps and pacing guides to assist them with monitoring of the timeliness and efficiency of teaching the common core and curriculum.	Policy and Process	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Leader, Instructional coach and teachers
Daily Test Taking Skills (elementary)	Test taking skills across grade levels will be taught on a daily basis to prepare students for statewide tests and promote higher level thinking skills when reading information texts which are often lengthy and complex.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Leader, Instructional Coach and teachers
Professional Development on Effective Teaching Strategies for Social Studies (elementary)	At least twice a year, teacher will engage in presentations along with hands-on learning to equip them with the necessary methods, materials and research to target areas of weaknesses that contribute to the decline in Social Studies performance.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$5000	Leader, Instructional Coach and teachers
Push-in and Pull-out Services through RtI program (elementary)	Instructional aides, 31a and Title I teachers will provide tiered interventions that promote language acquisition and other essential skills to reach mastery levels.	Academic Support Program	Tier 3	Implement	09/05/2017	06/29/2018	\$192091	School leader, instructional coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Purchase/Subscribe to National Geographic magazines, Comic books, Joke books and Sports Magazines (elementary)	Students will read informational texts that will create a desire in them to want to read more which will expand their knowledge and ability to comprehend.	Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$500	School leader, coach and instructional staff
Implementation of Literature Circles (elementary)	Students will engage with other learners to select a topic of interest and discuss with partners to display comprehension verbally and interact with others to create dialogue.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	School leader, coach and instructional staff
Encourage Visual Representation of Math Problem (elementary)	Visual representations (drawings, graphic representations) will be used intuitively by teachers to explain and clarify problems and by students to understand and simplify problems. When used systematically, visuals have positive benefits on students' mathematics performance. During daily lessons, students will extend their thinking skills by displaying comprehension of material taught.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Coach, leader and instructional staff
Support students in verbalizing decisions and solutions (elementary)	Encouraging students to verbalize, or think-aloud, their decisions and solutions to a math problem is an essential aspect when scaffolding instruction. Teachers will document and plan for this strategy in their lessons for students.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	School leader, coach and instructional staff
Deliver Effective Instruction at all tiers (1, 2 and 3) (elementary)	The instructional staff will plan for more explicit Tier 1 instruction, with an emphasis on primary prevention, requiring teachers to provide evidence-based instruction to all students. Tier 2 focuses on supplemental instruction that provides differentiated instruction to meet the learning needs of students. Tier 3 emphasizes individualized intensive instruction. The ultimate goal of the RtI model is to reduce the number of students in successive tiers and the number of students receiving intensive instruction. The groundwork for the success of this model is the effectiveness of the instruction provided in Tier 1.	Direct Instruction	Tier 2	Monitor	09/05/2017	06/29/2018	\$0	School leader, coach and instructional staff

District Improvement Plan

Academy for Business and Technology

Provide peer-assisted instruction to students (elementary)	Students with LD sometimes receive some type of peer assistance or one-on-one tutoring in areas in which they need help. The more traditional type of peer-assisted instruction is cross-age, where a student in a higher grade functions primarily as the tutor for a student in a lower grade. In the newer within-classroom approach, two students in the same grade tutor each other. In many cases, a higher performing student is strategically placed with a lower performing student but typically both students work in both roles: tutor (provides the tutoring) and tutee (receives the tutoring).	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	School leader, coach and instructional staff
Highly Qualified Teachers (elementary)	Retention bonuses for highly qualified teachers who return to the school in the fall.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$15000	Instructional staff, support staff, Instructional Coach, School Leader
Naiku (elementary)	Naiku, or a program similar, is an online assessment platform that will be used to monitor and track the progress of students' understanding of the grade level content (including the Common Core State Standards, Michigan Science Standards, and Social Studies Standards).	Direct Instruction, Technology	Tier 1	Implement	09/05/2017	06/29/2018	\$700	Instructional Staff, Instructional Coach, School Leader
Integrated ESL with ELL Teacher and ELL Paraeducator (elementary)	Language support staff will provide a minimum of 100 minutes per week of language instruction that is both integrated and inclusive to the core along with additional sheltered instruction to ELL students who score at the Basic level on either the Fall W-APT screener or spring WIDA assessments.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$86000	ELL Teachers, ELL paraprofessional, Instructional Coach, Principal
After-School Tutoring for ELL Students (elementary)	The school will offer a free tutoring program for ELL students, focusing on language instruction to students who are reading below grade level. Tier 3 ELL students will have language acquisition as their primary focus.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$12210	Language Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Summer School ELL Program, Teacher (elementary)	The school will offer a free, five-week summer program for ELL students, focusing on improving language skills, especially for students who are reading below grade level.	Academic Support Program	Tier 2	Monitor	06/25/2018	08/10/2018	\$2775	ELL Language Teacher, support staff, Instructional Staff, Principal
Real Life Connections (elementary)	Students will learn science concepts and skills that involve real life applications and relevant experiences to activate prior knowledge and help retention of science knowledge. Staff may utilize resources similar to United Streaming clips, Interactive Science online resources and various media (like but not limited to: Science A-Z, Brain Pop, and Brain Pop Jr.) to help to implement this concept.	Technology, Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$2000	Classroom Teachers, Tutors, Instructional Coach and Principal
Collaboration about Best Practice (elementary)	Grade level and/or grade span teachers will meet weekly to focus on and collaborate about instructional best practices. Literature will be used to focus these meetings. Teachers will engage in PLC (Professional Learning Communities) by collaboratively reading a selected book.	Professional Learning	Tier 1	Monitor	08/14/2017	06/30/2018	\$0	Teachers, Special Education Teachers, ELL Teachers, Paraeducators, Instructional Coach and Principal
Cooperative Groups (elementary)	Teachers will provide students at all grade levels with regular opportunities to do cooperative group projects where the students carry out the scientific method using hands-on manipulatives through investigations. Intervention materials will include, but not limited to, center based lab materials and guided reading integration for tier 2 and 3 students as well as ELL students. The interactive notebooks and online interactive components will be utilized as well to help engage all learners through STEM education.	Materials	Tier 1	Monitor	09/06/2016	06/23/2017	\$16000	Teachers, Instructional Support Staff, Instructional Coach, Principal
Professional Development-Science Standards (elementary)	Staff members will attend a professional development session on interactive science and the Next Generation Science Standards that Michigan has adopted.	Professional Learning	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$9200	Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Science A-Z Integration (elementary)	Teachers will utilize this computer generated tool to engage students into science through technology and reading, such as but not limited to Science A-Z. The activities and center ideas will be utilized throughout the grade levels.	Technology , Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$680	Teachers, Instructional Support Staff, Instructional Coach, Principal
Utilize Online Resources (elementary)	Teachers will use the computer based tool to offer additional support for our daily science instruction. The assignments for science will be completed on the computer monthly during computer lab time, such as but not limited to Curriculum Crafter (KC4) assessments, and Pearson Interactive Science assessments will monitor progress of students.	Technology , Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$1000	Teachers, Instructional Support Staff, Instructional Coach, Principal
Promethean Planet Integration (elementary)	Teachers will integrate technology activities, flip charts and video clips from such resources but not limited to Promethean Planet Discovery Learning to help keep children engaged in science and STEM activities. Maintain/replace projector, pens, lenses, bulbs and speakers annually.	Technology , Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$5000	Teachers, Instructional Support Staff, Instructional Coach, Principal
Analyzing and Interpreting Data (elementary)	Students will use technology to analyze and interpret data from their investigations by creating tables, charts and graphs.	Technology , Teacher Collaboration	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Support Instructional Staff, Instructional Coach, Principal
Instructional Best Practice (elementary)	To ensure effective integration of technology, iPads or Chromebooks will be available for classroom activities as needed by teachers. Students will have access to the school computer lab, laptop cart, desktops in classrooms, and the iPad or Chromebook carts as needed by teachers. Students will use the technology to do research for papers/projects, take assessments, and for STEM education.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$15000	Instructional Staff, Instructional Coach, School Leader
Problem Solving Strategies (elementary)	Students will take part in regular activities that involve problem solving strategies using scientific reasoning and application of the scientific method. They will solve open-ended problems and extended problem-solving projects that involve relevant and/or real-life situations on a regular basis (at least biweekly). Annually, Interactive Science refill kits will be purchased to help engage the students in better writing.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$9000	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Science Investigation PowerPoint Presentations each semester (elementary)	All students will complete a Science Investigation each semester. Grades K-2 will complete a class project where they will present to the other classes; Grades 3-5 will complete group projects and they will share their PowerPoint/Board presentations with their classmates. Scientific Journals will be provided so that the students will practice all parts of the scientific method and we can monitor growth from one investigation to the next. (Tri-fold boards and Scientific Headings are required)	Direct Instruction, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$1000	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal
Vocabulary Activities (elementary)	Teachers will include vocabulary activities in their weekly plans for students to complete and they will increase the use and emphasis on science vocabulary during instruction time. Activities will be sufficiently diversified so as to address the needs of all learning types, as well as English Language Learners and students with disabilities. Teachers will utilize the key vocabulary lists in the Curriculum Crafter. Teachers will be required to keep a science word wall with current key vocabulary based on units of study.	Direct Instruction, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$500	All Teachers, Instructional Support Staff, Instructional Coach, Principal
Curriculum Crafter (elementary)	Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$850	Instructional Staff, Instructional Coach, Principal
High Touch High Tech (elementary)	Through discovery style learning and inquiry based dialogue, the students are engaged in exciting science projects that encourage them to explore the many wonders of science. This company comes to the school and bring the science experiments.	Field Trip, Academic Support Program	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$5000	Instructional Staff, Instructional Coach, School Leader
Science Night (elementary)	An instructional and social gathering conducted by the School Leader, Instructional Coach, and the Science Committee which will provide instructional materials to support student learning objectives.	Community Engagement, Academic Support Program	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$600	Instructional Staff, Instructional Coach, School Leader, Science Committee

District Improvement Plan

Academy for Business and Technology

Earth Day (elementary)	Students will participate in an Earth Day activities such as but not limited to a poster competition, planting flowers, cleaning up the school grounds, etc..	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$750	Instructional Staff, Instructional Coach, School Leader, Science Committee
Science Assembly (elementary)	Students will participate in a science related assembly such as but not limited to endangered species, environment, wild life, habitat, etc.	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$5000	Science Committee, Instructional Staff, Instructional Coach, School Leader
Classroom and Community (elementary)	Social Studies lessons/activities will involve active participation in the classroom and the wider community as often as possible. The teachers will use programs like but not limited to Virtual Field Trips (www.si.edu), Channel One or History Alive. The teachers may also use resources similar to but not limited to Studies Weekly to help integrate current events in a cross curricular way.	Materials	Tier 1	Implement	09/05/2017	06/29/2018	\$3000	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal
Effective Evaluations (elementary)	Teachers will use evaluations (summative and formative) that involve further learning that promotes responsible citizenship and open expression of ideas. Teachers will provide opportunities for students to demonstrate mastery of skills or concepts in ways supplemental to the pencil and paper curriculum assessments, especially for low-achieving subgroups and for students performing below grade level which can be developed in Curriculum Crafter under alternate assessments.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Classroom Teachers, Special Education Teachers, Instructional Coach, Principal
Real World Documents (elementary)	Social Studies readings will include engaging real-world documents and not just textbooks. Teachers can use resources similar to but not limited to Scholastic Weekly, Studies Weekly and Social Studies Alive, which are aligned to the Common Core State Standards and offers informational text in all grade levels.	Materials	Tier 1	Implement	09/05/2017	06/29/2018	\$6000	Classroom teachers, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Observing, Discussing and Debating (elementary)	Teachers will frequently provide lessons that involve students in observing, classroom discussions and class debates to ensure their active participation in learning. Lesson objectives will be relevant to the students and offer full engagement.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Classroom teachers, instructional support staff, bilingual instructional coach, Principal
Engaging, Hands-On Instructional Activities (elementary)	Students at all grade levels and at various ability levels will have access to and use hands-on manipulatives such as maps, globes and other visual learning aids to learn social studies concepts as regularly as possible. Utilize field trips to offer real life experiences and exposure to our community.	Field Trip, Academic Support Program	Tier 1	Implement	09/05/2017	06/29/2018	\$2400	Classroom teachers, Instructional support staff, Instructional Coach, Principal
Cooperative Groups (elementary)	Teachers will provide students in all grade levels with regular opportunities to participate in cooperative group projects.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Instructional Support Staff, Instructional Coach, Principal
Professional Development-PLC Books (elementary)	The Academy will utilize several PLC book reads that will focus on various research based topics, such as but not limited to guided reading groups, data analysis, closed reading, etc.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Instructional Staff, Instructional Coach, Principal
Current Events (elementary)	Teachers will set aside class time regularly (at least bi-weekly) for discussions about current events which will result in a written response regarding the current event that they read from supplemental materials such as but not limited to Teachers Studies Weekly newspapers, etc..	Supplemental Materials	Tier 1	Monitor	09/05/2017	06/29/2018	\$3500	Classroom teachers, instructional coach
Promethean Planet Integration (elementary)	Use Promethean Planet to show video clips, use flip charts and graphic organizers to motivate and engage students to write in Social Studies. Some Promethean Boards need to have speakers, pens and projectors maintained/replaced annually.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$7000	Classroom Teachers, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Social Studies Vocabulary (elementary)	Teachers will increase use and emphasis of Social Studies vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and the Performance Series. Teachers will be required to keep a Social Studies word wall with current vocabulary necessary for their current topic.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Instructional Coach, Principal
Writing Sample Submission (elementary)	Teachers will assign a Social Studies constructed response questions to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Curriculum Crafter (elementary)	Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$750	Instructional Staff, Instructional Coach, Principal
Student Data Folders and Electronic Snapshots (elementary)	All staff members will be trained on accessing data and reports for the student data folders. All instructional staff will be trained on instructional goal setting for students using benchmark results.	Professional Learning	Tier 1	Monitor	08/14/2017	06/29/2018	\$0	Instructional Coach, Teachers, Paraprofessionals, Principal
Best practices for teaching mathematics (elementary)	All teachers and instructional staff will demonstrate an understanding of and will utilize the most effective research based practices for teaching mathematics and increasing student achievement.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	All Teachers, Instructional Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

<p>Data Analysis (elementary)</p>	<p>The analysis of data through the instructional learning cycles will become a function of the grade level teams and will assist ABTE to have a more systematic approach to data driven decisions. This will be an ongoing process of continuous improvement; interpreting the data, identifying root causes and determining how to use the data to identify broad strategies and specific activities to foster our goal of 80% proficiency. These data analysis discussions are also the mode for analyzing data from strategy and activity implementation, as well as formative student achievement data to evaluate success and make adjustments if needed. The data discussion will use a variety of sources such as: classroom data, formative assessments, perception data, and benchmark tests. These will be used to make informed decisions concerning both advanced students and students who need remediation. Teachers will give a pre and post-test and use a student achievement data tracker to progress monitor student performance. The data discussion will help to facilitate and monitor the progress of student performance. Teachers will administer formative and summative assessments, which will allow the staff to make data-driven decisions regarding the learning needs of their students. This will be accomplished through collaboratively generated assessments both formative and summative. The formative assessments will provide teachers with immediate feedback on overall student understanding. The staff will receive training on the development of summative assessments, focusing on aligning the assessments with the curriculum and common core state standards. After this training, the staff will develop summative assessments in each subject area. The assessments will then be reviewed by the instructional coach. As we improve our systematic approach to data driven instruction, we will implement data walls to celebrate student success. The goal of the data wall is to build shared ownership, accountability, and awareness of progress toward school-wide goals and to reinforce positive messaging to school community for overall increased student achievement.</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Implement</p>	<p>08/14/2017</p>	<p>06/29/2018</p>	<p>\$0</p>	<p>School Leader, Instructional Coach, Teachers & Support Staff</p>
-----------------------------------	---	------------------------------	---------------	------------------	-------------------	-------------------	------------	---

District Improvement Plan

Academy for Business and Technology

Data Analysis Professional Development (elementary)	The staff will receive training that will help them participate in collaborative, structured, scheduled meetings that focus on the effectiveness of teaching and learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$500	Instructional staff, instructional coach, school leader
Teaching the Common Core State Standards (elementary)	In order to create accountability for students, teachers, administrators and the school, all staff will assist in the development of curriculum, cross-curricular units, lessons and activities that are aligned to the Common Core State Standards (CCSS), This will be accomplished by using the Learning Focused model. This model is being used to translate the standards into learning. By focusing on continuous improvement, the Learning Focused model will assist the staff in the employment of exemplary practices that will increase learning and achievement. The staff will: <ul style="list-style-type: none"> - Clarify/Interpret the expectations of the CCSS in terms of knowledge, understanding, and skills. - Develop common assessments that will provide evidence of student learning. - Develop student learning maps that provide a focus for teacher planning and clearly communicate the expected learning to students. - Develop lessons and units that incorporate research-based and exemplary practices to ensure that students learn what is expected. In order for the staff to ensure that classroom lessons, assessments, and instruction are driven by the common core state standards, the staff will create student learning maps. These maps will be derived from the academy's standards driven curriculum. This process will clarify the standards into terms of what students need to know and be able to do in order to be successful at their grade level. The development of the student learning maps will provide a consistent access to the standards and the curriculum throughout the school. This activity will be monitored by the instructional coach and school leader and will be evidenced by the submission of student learning maps, along with lesson plans that follow them. 	Direct Instruction	Tier 1		09/05/2017	06/29/2018	\$13000	Instructional staff, instructional coach, school leader

District Improvement Plan

Academy for Business and Technology

Common Core Professional Development (elementary)	The staff will receive training on how to best implement the common core state standards in their classrooms. Frequent observations will take place by the instructional coach and the school leader to ensure that best practices are being used to teach the common core state standards. Summative assessments, report cards, and standardized tests will be analyzed to determine the effectiveness of the program. The staff will study a book chosen by the department to help better themselves and their instructional delivery in a the book professional learning community.	Professional Learning	Tier 1	Implement	08/15/2016	06/23/2017	\$125	Instructional staff, instructional coach, school leader
Content Area Reading (elementary)	All teachers will become teachers of reading in that reading strategies will be implemented across content areas by the content-specific teacher. The grade level teacher will teach students the literacy strategies that are pertinent to the teacher's course material. This will be accomplished by: Showing students how to make cross-curricular and cross-textual connections; improving student comprehension of informational text; and providing test preparation questions for students to increase and strengthen reading skills and continue to enhance student college readiness. The staff will integrate and enrich the language processes of reading across the curriculum. This means the content area teachers will promote the practice of reading different kinds of materials for varied purposes throughout a student's coursework.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Instructional staff, instructional coach, school leader
Administration Professional Development (elementary)	The school leader and instructional coach will participate in monthly trainings that focus on key practices for effective school leadership. Research confirms that strong leadership is the second most influential factor for improving schools. These trainings will sharpen leadership skills that support proper implementation of strategies for school improvement. These practices will center around: establishing high expectations in others, improve instruction, and manage people, data, and processes.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$0	Instructional staff, support staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Grade Level Meetings (elementary)	Grade level teachers will meet weekly during their common planning time with an administrator to focus and collaborate about instructional best practices and review current data to make informed decisions in the classroom.	Teacher Collaboration	Tier 1	Implement	09/05/2017	06/29/2018	\$0	All teachers, Instructional Support Staff, Instructional Coach, Principal
Three-Phase Teaching Model (elementary)	Teachers will be trained and be required to use the Three Phase Teaching Model. This model suggests that in the first phase teachers are required to explicitly teach a lesson. In the second phase, teachers use cooperative groups or paired partnerships for the students to practice the skills they are required to learn. In the third phase, students work independently with less guided practice to successfully master a cross curricular performance task.	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$0	All Teachers, Instructional Coach, Principal
Peer Observation (elementary)	The Academy will provide opportunities for teachers to conduct peer observations of effective mathematics instruction both inside and outside of the school at least once annually.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Instructional Coach, Principal
After School Tutoring (elementary)	The school will offer a free after school tutoring program two (2) days a week, focusing on improving mathematics skills for students that are below grade level.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$18002	Teachers, Tutors, Instructional Coach, Principal
After School ELL Tutoring (elementary)	The school will offer a free, after school tutoring program two (2) days a week, focusing on improving mathematics skills for ELL students who are below grade level.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$10000	Teachers, Tutors, Paraprofessionals, Instructional Coach, Principal
Instructional Coach (elementary)	The Instructional Coach will work with teachers on improving classroom instruction, data analysis, lesson planning and implementation in order to improve classroom achievement.	Academic Support Program	Tier 1	Monitor	07/01/2017	06/30/2018	\$75280	Principal, Instructional Coach
Leadership Growth/Professional Development (elementary)	School Leader and Instructional Coach will participate in professional development activities that help to improve teaching and learning.	Professional Learning	Tier 1	Monitor	08/14/2017	07/13/2018	\$4200	Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

School Data Analysis (elementary)	Data teams will use a variety of data sources to analyze and assist in monitoring student/school progress. Paper is needed for analyzing.	Professional Learning	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Instructional Staff, Instructional Coach, Principal
Summer Specially Designed Program (elementary)	The school will offer a free summer academic specially designed program focusing on improving mathematics skills for students who are below grade level through science, technology, and mathematics integration.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$21000	Instructional Coach, Principal
Intervention Mathematics Teacher (elementary)	The school will employ an intervention mathematics teacher to work with students who are below grade level in mathematics and who are at-risk of failure based on NWEA and any state assessments.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$29581	Instructional Support Staff, Instructional Coach, Principal
ELL Small Group Instruction (elementary)	Monitoring of comprehension for ELL students at all levels of proficiency; to support meaningful access to curriculum, including reinforcement of Mathematics terminology, operations and concepts.	Academic Support Program	Tier 2	Monitor	09/01/2017	06/29/2018	\$0	Classroom Teachers, Instructional Support Staff
Professional Development-PLC Books (elementary)	The Academy will utilize several PLC book reads that will focus on various research based topics, such as but not limited to guided reading groups, data analysis, closed reading, etc.	Professional Learning	Tier 1	Implement	08/14/2017	06/29/2018	\$1200	All Instructional Staff, Instructional Coach, Principal
Instructional Learning Cycles (elementary)	All teachers and instructional staff will analyze their student's data (NWEA or Unit Assessments) and complete an item analysis to identify standards/items that most students struggle with (priority standard). The teachers and instructional staff will create an action plan for re-teaching the identified priority standard. The teachers will track student growth.	Direct Instruction	Tier 1	Implement	08/14/2017	06/29/2018	\$0	All teachers, instructional staff, Instructional Coach, Principal
Computer Applications (elementary)	Students will use computer software programs to practice computational skills (including programs for ELL students) on a weekly basis. The software packages utilized include items like but not limited to Brain POP & Brain POP Jr., Reading A-Z and Science A-Z, iXL, etc.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$9000	Teachers, Instructional Support Staff, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Daily Practice of Basic Mathematics Skills (elementary)	Teachers will provide opportunities for students to take part in daily interactive practice of basic mathematics skills appropriate for each level using the Promethean resource packs, such as but not limited to Promethean Planet. Updating Promethean products such as but not limited to cleaning and maintenance protects, projectors, speakers, bulbs, cords, etc.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	Classroom Teachers, paraprofessionals
enVision MATH (elementary)	Teachers and instructional support staff will use enVision MATH to develop computational fluency, algebraic thinking, problem solving and analyzing fraction concepts. This supplemental program offers technology interactive integration along with manipulative kits that offers a more hands-on approach to supplement our mathematics curriculum. (online component and teacher/student resources). Also includes kits for differentiated centers to offer additional support in mathematics through D.I. pre-planned centers. Purchase consumables annually.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$10000	Teachers, Instructional Staff, Instructional Coach, Principal
Classroom Computer Lab (elementary)	A classroom teacher will integrate all core content areas of instruction using technology for each grade level at minimum once weekly. Each classroom will have a wall mounted and security charging station for laptops.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$28600	Technology Teacher, Classroom Teacher, Instructional Coach, Principal
Instructional Best Practice (elementary)	To ensure effective integration of technology, iPads or Chromebooks will be available for classroom activities as needed by teachers. Students will have access to the school computer lab, laptop cart, desktops in classrooms, and the iPad or Chromebook carts as needed by teachers. In addition, printers and ink will be needed.	Technology	Tier 1		09/05/2017	06/29/2018	\$20000	Instructional Staff, Instructional Coach, School Leader
Mathematics Vocabulary (elementary)	Teachers will increase use and emphasis of mathematics vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and NWEA. Teachers will be required to keep a mathematics word wall with current vocabulary necessary for their current topic.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Writing Sample Submission (elementary)	Teachers will assign a mathematics constructed response question to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Curriculum Crafter (elementary)	Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$850	Instructional Staff, Instructional Coach, Principal
Naiku Professional Development (elementary)	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Instructional Staff, Support Staff, Instructional Coach, School Leader
Parent ELL Activity Night (elementary)	An instructional and social gathering conducted by School Leader, Instructional Coach, and ELL teacher which will provide instructional materials to support student learning objectives and ELL Parent Instructional Support Materials, possibly including dictionaries to support English proficiency. We will also purchase materials and incentives for parent meetings.	Parent Involvement	Tier 1	Monitor	09/05/2017	06/29/2018	\$800	Administrators, Instructional Coach, ESL teachers, Instructional Staff
Curriculum Crafter (elementary)	Teachers will create, update and align curriculum in the webbased Curriculum Crafter tool. Crafter is aligned to the common core and provides a teacher-friendly platform for mapping. Revisions to the sequence and duration of instructional units is easily accomplished in Crafter. The teacher and Instructional Coach will meet every 6 weeks to see if instruction is on pace or whether revisions are needed.	Academic Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$1000	Instructional Staff, Instructional Coach, Principal
Naiku (elementary)	Naiku has built-in professionally developed benchmark assessments for mathematics and reading aligned to the Common Core State Standards. The teachers will be able to use these assessments to benchmark their students at anytime for data driven decisions.	Direct Instruction, Technology	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Instructional Staff, Support Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Naiku Professional Development (elementary)	The staff will receive training on Naiku. This professional development will assist the staff on how to use the data to drive their instruction and have better student growth.	Professional Learning	Tier 1	Implement	07/01/2017	06/30/2018	\$1000	Instructional Teachers, Support Staff, Instructional Coach, School Leader
Teachers will incorporate Reading Workshop (elementary)	Teachers will incorporate a reading workshop and/or phonics (RLAC) program into their daily reading instruction in order to increase student achievement.	Professional Learning	Tier 1	Implement	09/05/2017	06/29/2018	\$500	Reading Specialist, Instructional Coach, Teachers, Principal
Informational Text Cross Curricular Integration (elementary)	Utilize our trade books and Science A-Z, Reading A-Z, Teacher's Studies Weekly and Scholastic News to integrate informational text into all other areas of instruction.	Academic Support Program	Tier 1	Monitor	09/01/2017	06/29/2018	\$800	Reading Specialist, Teachers, Instructional Coach, Principal
MDE School Improvement/Assessment Conference (elementary)	Instructional Coach will attend the conference to bring back interventions that are cross grade level and for all facets of instruction and support.	Professional Learning	Tier 1	Implement	05/01/2018	07/31/2018	\$400	Instructional Coach, Principal
Author Study (elementary)	Teachers will provide opportunities for students to study and learn about different authors of children's books during the year and through an Author Study during Reading Month. Each classroom will create a report which they will display on their door during Reading Month. (For example but not limited to Butcher block paper, copy paper, construction paper and other supplies are needed)	Direct Instruction	Tier 1	Implement	09/05/2017	06/29/2018	\$500	All teachers, Rtl Interventionist, Reading Specialist, Instructional Coach, Principal
Before, During and After Reading (elementary)	Teachers will provide students with strategies to strengthen vocabulary and comprehension skills before, during and after reading (including but not limited to anticipation guides, graphic organizers, story mapping, questions to support comprehension and making connections), such as reading response journals and retelling, and other programs like iXL.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$1700	Reading Specialist, All Teachers, Rtl interventionist, Paraeducators, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Daily Reading to Students (elementary)	Teachers, para-educators, and/or other adults will read aloud to students daily, incorporating thinking-aloud strategies to help increase comprehension and to model good reading skills. Teachers should utilize 10 minutes a day reading out loud to their students either after lunch or the last 10 minutes of the day. (Including guest readers, book giveaways, leveled trade books for each classroom)	Curriculum Development	Tier 2	Monitor	09/05/2017	06/29/2018	\$1000	All Teachers, paraeducators, Reading Interventionist, Instructional Coach, Principal
Tier Time Reading Specialist (1) & Reading Interventionists (1) (elementary)	The school will establish a daily schedule to ensure a block of time is available for teachers to integrate reading and writing across core instruction through activities. This time will be called Tier Time and the Reading Interventionist will push into the classroom and work with tier 2 children who need additional interventions. The Reading Specialist will pull tier 3 students out for additional interventionist during this tier time or during their special classes. The Reading Specialist will also assist teachers with reading instruction, remediation, and assessment for our low performing readers	Academic Support Program	Tier 3	Monitor	08/14/2017	06/29/2018	\$108000	Reading Specialist, Teachers, Reading Interventionist, Instructional Coach, Principal
Developmental Reading Assessment (elementary)	Staff will use diagnostic reading assessments to identify students' reading level and skill proficiency for guiding appropriate instruction and intervention, especially for students performing below grade level. (requires copy paper for progress monitoring)	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$1500	General Education Teachers, Reading Specialist, Interventionist
Online Computer Applications (elementary)	Teachers will provide students with time to access online computer applications such as but not limited to Moby Max and Raz Kids on a weekly basis.	Technology	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	All teachers, instructional coach
Social Work Support (elementary)	Social Worker will work with identified, non IEP, 31a students and offer positive behavior support that serves to make students more successful in the classroom.	Behavioral Support Program	Tier 1	Monitor	08/14/2017	06/29/2018	\$25500	Social Worker, Principal
Trade Book for Events (elementary)	To help promote reading outside of the classroom, high interest trade books will be given to students through out the school year. These books can be purchased through but not limited to Scholastic Book Orders, Scholastic Warehouse Sale, book sales, etc.	Parent Involvement	Tier 3	Implement	09/05/2017	06/29/2018	\$4000	Reading Specialist, Rtl Interventionist, Instructional Staff, Instructional Coach, School Leader

District Improvement Plan

Academy for Business and Technology

Motivation for Reading (elementary)	Teachers will provide students with various activities to promote reading, such as but not limited to School-wide Read In, School-wide Buddy Reading, School-wide DEAR, Reading Month Kick-Off activities, etc.	Academic Support Program	Tier 1	Getting Ready	01/08/2018	04/27/2018	\$500	Reading Specialist, RtI Interventionist, Instructional Staff, Instructional Coach, School Leader
Reading Vocabulary (elementary)	Teachers will increase use and emphasis of Reading vocabulary during instruction time and students will complete vocabulary activities on a weekly basis. Vocabulary will highlight prerequisite and new vocabulary from curriculum standards, the State assessment and NWEA. Teachers will be required to keep a Reading word wall with current vocabulary necessary for their current topic.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Writing Sample Submission (elementary)	Teachers will assign a Reading constructed response question to the students monthly, either on paper or through blogging and submit samples for review and progress monitoring.	Technology, Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Coach, Principal
Annual Publishing of Writing (elementary)	All students will be expected to publish an individual writing piece annually at a minimum. Publishing Day will celebrate our young authors. (Copy paper, binding materials, stickers, glue, markers, crayons, etc. are needed)	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$2000	Teachers, Instructional Coach, Principal
Motivation for Writing (elementary)	Teachers will celebrate writing through a variety of activities during the year. (e.g. author studies, poetry month, writing contest, Write-A-Thon, Publishing Parties, etc.)	Direct Instruction, Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$500	Teachers, Reading Specialist, Instructional Coach, Principal
Weekly Writing with Relevant and Meaningful Prompts (elementary)	Teachers and/or para-professionals will support English Language Learning and meaningful access to core curriculum through writing for meaning in all content areas. Teachers will teach mini-lessons daily using the WriteSteps.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Classroom Teachers, Instructional Coach, Paraeducators, Principal
After School Tutoring (elementary)	The school will offer a free after-school tutoring program, focusing on improving reading skills to students who are reading below grade level, especially for low-achieving subgroups.	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$20000	Principal, Instructional Coach, After School Tutors

District Improvement Plan

Academy for Business and Technology

Assistance for Struggling Readers (elementary)	Teachers and Reading/Language Interventionists will assist struggling readers through targeted classroom interventions and guided reading pull-outs (focusing on fluency, decoding, and comprehension skills), utilizing educational technology to the maximum extent. (Resources include but are not limited to: copy paper to print books, RAZ Kids Subscription, Reading A-Z Subscription, Moby Max, and Tumblebooks)	Academic Support Program	Tier 2	Monitor	09/05/2017	06/29/2018	\$5000	Principal, All Teachers, Reading Interventionist, Instructional Support Staff, Instructional Coach
Parent/Community Involvement (elementary)	The school will provide a variety of activities during the school year that incorporate the interaction between and with parents/community members in order to impact student reading proficiency. (This includes but is not limited to: Refreshments and Incentives for Annual Title I Night, Reading Night using Learning Gizmos, Reading Workshop for Parents) Students will perform community service such as reading to the animals at the Dearborn Animal Shelter and the senior citizens at Oakwood Commons in Dearborn throughout the school year for community service hours.	Parent Involvement	Tier 1	Monitor	09/05/2017	06/29/2018	\$1000	Literacy Committee, Reading Specialist/Interventionists, Instructional Coach, Principal
Data Analysis (elementary)	The school will use MI School Data portal along with NWEA and gradebook data to assist in the analysis of student achievement and growth and to provide direction for change and revision of instructional practices. Inservice will be given to teachers on data analysis to track student progress.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$3000	Principal, Instructional Coach, All Teachers
Summer Specially Designed Program (elementary)	The school will offer a free five (5) week summer academic program focusing on improving reading skills for students who are below grade level along with science, technology and mathematics integration. Resources included, but not limited to STEM.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/30/2018	\$20000	Principal, Instructional Coach, Summer Program Instructors
The Craft of Writing (elementary)	Teachers in all grades will help students learn the mechanics and the craft of writing through programs such as but not limited to WriteSteps program.	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Support, Instructional Coach, Principal

District Improvement Plan

Academy for Business and Technology

Writer of the Month (elementary)	The Academy will select a K-2/3-5 writer of the month focusing each month on a specific trait (e.g. voice, details, etc.)	Academic Support Program	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Reading Specialist, Classroom Teachers, Instructional Coach, Instructional Staff, Principal
Improve Spelling and Mechanics/Conventions (elementary)	Teachers will provide writing instruction on a weekly basis that allows students an opportunity to improve their spelling skills, as well as their mastery of writing mechanics/conventions across the curriculum. This will include resources like but not limited to Words I Use When I Write (K-2, 3-5), My Word Book (K) or Words Their Way.	Materials, Community Engagement	Tier 1	Implement	09/05/2017	06/29/2018	\$1950	Classroom Teachers, Instructional Support Staff, Instructional Coach, Principal
Pre-Writing Activities (elementary)	Teachers will conduct and model various types of pre-writing activities (Listening, charting, webbing, clustering of raw ideas, drawing, group brainstorming, graphic organizer, etc.)	Direct Instruction	Tier 1	Monitor	09/29/2017	06/29/2018	\$0	Teachers, Instructional Support Staff, Instructional Coach, Principal
Teacher-Student Conferences (elementary)	Teachers and/or Para-professionals will conduct brief teacher student conferences regularly (weekly or bi-weekly) that include a focus on revising, editing, mechanics or grammar.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/29/2018	\$0	Teachers, Instructional Support Staff, Instructional Coach, Principal
Monitoring	The dropout prevention coordinator will keep records of the status of students and report to the homeless liaison if a student becomes homeless. Both will then monitor the students attendance, academics, and behavior and refer the student to the appropriate staff member if needed.	Academic Support Program, Recruitment and Retention	Tier 1	Getting Ready	09/05/2017	06/29/2018	\$1000	School Leader, Dropout Prevention Coordinator, and Homeless Liaison.
Monitoring (elementary)	The pupil accountant will keep records of the status of students and report to the homeless liaison if a student becomes homeless. Both will then monitor the student's attendance, academics, and behavior and refer the student to the appropriate staff member if needed.	Direct Instruction	Tier 1	Implement	07/01/2017	06/30/2018	\$0	pupil accountant, school leader, social worker, instructional coach