



School Improvement Plan

Negaunee Middle School

Negaunee Public Schools

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Introduction

The SIP is a planning tool designed to address student achievement and system needs identified through the school's comprehensive needs assessment (CNA). Additionally, the SIP provides a method for schools to address the school improvement planning requirements of Public Act 25 of the Revised School Code and the Elementary and Secondary Education Act (ESEA) as applicable.

Improvement Plan Assurance

Introduction

During the 2016-2017 school year, schools will have two options for Goals and Plans. 1. Update Goals and Plans, if necessary, based on analysis of data and Program Evaluation; 2. Complete and upload the Abbreviated Goals and Plans template into ASSIST, based on analysis of data and Program Evaluation.

Improvement Plan Assurance

Label	Assurance	Response	Comment	Attachment
1.	Which option was chosen for Goals and Plans?	Goals and Plans in ASSIST	See Goals and Plans In ASSIST	

2017-2018 School Improvement Plan Part II

Overview

Plan Name

2017-2018 School Improvement Plan Part II

Plan Description

This SIP was prepared by the Negaunee Middle School. Our student population consists of 452 students in grades 5-8.

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 at Negaunee Middle School will improve their math skills.	Objectives: 1 Strategies: 1 Activities: 8	Academic	\$7000
2	All students at Negaunee Middle School will improve their English Language Arts skills.	Objectives: 1 Strategies: 2 Activities: 10	Academic	\$23000
3	All students at Negaunee Middle School will improve in their general science skills.	Objectives: 1 Strategies: 1 Activities: 6	Academic	\$11000
4	To close the achievement gap between the Negaunee Middle School bottom 30% performing students and the top 30% students by 5%	Objectives: 1 Strategies: 4 Activities: 6	Organizational	\$11500

Goal 1: All students at Negaunee Middle School will improve their math skills.

Measurable Objective 1:

A 2% increase of Fifth, Sixth, Seventh and Eighth 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 in understanding and solving ratio and proportional relationship problems, including proper use of operations involving rational numbers in Mathematics by 06/07/2019 as measured by pre-/post- test assessment, unit assessments, and M-STEP Assessment..

Strategy 1:

Problem Solving using Proportions - Staff will implement appropriate instruction on how to solve problems using all operations involving rational numbers, ratios and proportional relationship problems. A variety of approaches will be utilized including, but not limited to, unit rate, scaling, finding equivalent fractions, solving proportions using equations, and finding patterns with proportional situations in tables.

Category: Mathematics

Research Cited: David Ben-Chaim, Yaffa Keret, Bat-Sheva Ilany (2012)

Ratio and Proportion: Research and Teaching in Mathematics Teachers' Education (Pre- and In-Service Mathematics Teachers of Elementary and Middle School Classes)

<http://www.corestandards.org/Math/Content/EE/>

Tier: Tier 1

Activity - Teachers will provide explicit instruction, clear modeling, extensive guided practice and feedback.	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Using a variety of techniques, teachers will receive professional development in both the research and teaching of all operations with rational numbers, ratios and proportions.	Direct Instruction	Tier 1	Implement	09/02/2014	06/07/2019	\$500	General Fund	Fifth and sixth grade teaching staff, along with 7th & 8th grade Math teachers, building administrator.

Activity - All students in grade levels 5 through 8 will be continually assessed and receive mathematics instruction utilizing flexible ability groups.	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Student performance data related to mathematics will be continually monitored throughout the school year to provide appropriate placements for all students which will match all students' individual readiness for learning. Pacing, time, and clear learning goals will guide decision making regarding individual flexible placements and skill development.	Academic Support Program, Teacher Collaboration, Class Size Reduction, Direct Instruction		Implement	09/06/2016	06/07/2019	\$0	No Funding Required	Fifth and sixth grade teaching staff, along with 7th and 8th grade Math teachers and special education staff.
Activity - Teacher Training in Math	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
General funding will be used to enhance staff development and understanding of the Common Core Curriculum in Math at grades 5-8. Some examples of this funding use include but are not limited to Common Core Curriculum Development PD, Math Conferences focused on improving teacher use of the CC state standards.	Technology, Curriculum Development, Academic Support Program, Teacher Collaboration	Tier 1		06/07/2016	06/07/2019	\$4000	General Fund	Teachers and Administrative staff.
Activity - 5-6 Grade Level Math Groups	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students in grades 5-6 at NMS will level students in ability groups to help focus on student need and achievement areas.	Curriculum Development, Academic Support Program, Teacher Collaboration, Class Size Reduction, Direct Instruction	Tier 1	Implement	09/03/2014	06/07/2019	\$0	No Funding Required	Math Learning Teams by grade level. NMS Principal Mike McCollum
Activity - Khan Academy use in Math Lab	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

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During our Math Lab sessions, we will be incorporating the Khan Academy to our support plan. This program will help to supplement skills and promote skill development.	Technology , Academic Support Program	Tier 1	Getting Ready	06/10/2016	06/07/2019	\$0	No Funding Required	Math Lab teachers.
Activity - Study Island Online Math Program, Training and implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
We have trained our staff in the Study Island online RTI program. The students will be rewarded for their use of this program and the staff will be given data to make classroom curriculum adjustments.	Supplemental Materials, Technology , Professional Learning, Curriculum Development, Academic Support Program	Tier 2	Implement	01/29/2018	06/12/2020	\$1000	General Fund	Teachers and administrators will be in charge of monitoring and review the data produced by this program.
Activity - Visual Spatial Study to Increase Math Reasoning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
This Program is a study by the Ohio State University to study the effects of Visual Spatial reasoning on students, and the impact this type of learning has on Math skills.	Supplemental Materials, Technology , Curriculum Development, Academic Support Program, Direct Instruction	Tier 2		01/09/2017	06/12/2020	\$1500	School Improvement Grant (SIG)	7th Grade Math Teacher
Activity - Visual Spatial Work in CTE Classes	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers involved in the NMS CTE classes. Drafting, Woods, Industrial Materials and Small Engines, will incorporate visual spatial training blocks throughout the semester to improve math reasoning.	Technology , Direct Instruction	Tier 2	Implement	09/04/2017	06/12/2020	\$0	No Funding Required	CTE and Industrial Arts Staff

Goal 2: All students at Negaunee Middle School will improve their English Language Arts skills.

Measurable Objective 1:

A 3% increase of Fifth, Sixth, Seventh and Eighth grade students will demonstrate a proficiency in citing textual evidence to support analysis of the text, determine a theme or central idea, analyze its development over time, including its relationship to the characters, setting, and plot. They will be able to provide an objective summary in English Language Arts by 06/07/2019 as measured by pre-/post- test assessment, unit assessments, and M-STEP Assessment..

Strategy 1:

Narrative/Expository Text - Students will receive explicit instruction in citing textual evidence to support analysis of the text, determining a theme of a text and its relationship to the literary elements of a text, and in summarization. Teachers will be trained in the above strategies if the form of PD.

Category: English/Language Arts

Research Cited: Addie Albano (March 6, 2012)

Teaching Literary Elements - Essential Activities for Active Engagement

Dean, C.B., Hubbell, E.R., Pitlier, H., & Stone, B. (2012)

Classroom instruction that works: Research-based strategies for increasing student achievement (2nd ed.) Alexandria, VA: ASCD

Scholastic Scope Magazine

<http://www.corestandards.org/ELA-Literacy/>

Tier:

Activity - ELA departments from each grade will get together and map out a scope and sequence of reading/writing standards related to the common core, Smarter Balanced testing, and M-STEP assessments.	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Using a variety of techniques, teachers will receive professional development in both research and teaching of literary elements. Teachers will have opportunities for consultation from both Northern Michigan University and MARESA (Marquette-Alger Regional Education Service Agency).	Direct Instruction			09/02/2014	06/07/2019	\$500	General Fund	All 5th, 6th, 7th, and 8th grade language arts teachers, as well as the building administrator.

Activity - PD: ELA Strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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During the course of the 2018-19 school year, we will send 2 teachers to the Michigan Reading Conference or a conference that offers similar content.	Technology , Professional Learning, Curriculum Development, Direct Instruction	Tier 1	Implement	06/16/2015	06/07/2019	\$3000	General Fund	5-8 English Teachers
Activity - Reading Counts Alignment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
During the 2018-2019 Professional Development Days, the ELA department from each grade (5-12) will align the expectations for the Scholastic Counts Reading Inventory. Teachers will focus on creating a criterion based overview with supporting grade specific rubrics.	Curriculum Development, Teacher Collaboration	Tier 1	Getting Ready	09/01/2016	06/07/2019	\$500	School Improvement Grant (SIG)	5-8 English Language Arts Teachers
Activity - Teacher Training and Funding	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
General funding will be used to offset professional development costs. Examples include Reading Conferences, Staff ELA training, and Educational Support Materials.	Supplemental Materials, Technology , Professional Learning, Curriculum Development, Academic Support Program, Teacher Collaboration, Materials, Direct Instruction	Tier 1	Implement	06/06/2016	06/07/2019	\$5000	General Fund	Teacher and Administration
Activity - Statewide Autism Resources and Training Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

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Integrate students with perceived reading difficulties due to Autism back into the general education classroom, through recognition and strategy development.	Supplemental Materials, Behavioral Support Program, Curriculum Development, Academic Support Program, Materials, Direct Instruction	Tier 2		05/17/2016	06/08/2018	\$3000	Title II Part A	Administrator, Special Education Teachers (2), 6th Grade Regular Education Teacher, and Guidance Counselor.
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Activity - Study Island ELA Program Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
We have trained our staff in the Study Island online RTI program. The students will be rewarded for their use of this program and the staff will be given data to make classroom curriculum adjustments.	Technology, Professional Learning, Curriculum Development, Academic Support Program, Materials	Tier 2		02/05/2018	06/12/2020	\$5500	General Fund	Teachers and Administrators

Activity - Novel Learning Circles	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Our 7th Grade English Department has initiated a novel study program their English classes to help reinforce reading strategies.	Curriculum Development, Academic Support Program, Direct Instruction	Tier 1		09/11/2017	06/07/2019	\$0	No Funding Required	Teachers of the 7th Grade English Department

Strategy 2:

Writing - Students will gain adequate mastery of a range of skills and applications. Each year in their writing, students will demonstrate increasing sophistication in all aspects of language use, from vocabulary and syntax to the development and organization of ideas, and they will address increasingly demanding content and sources. Students advancing through the grades are expected to meet each year's grade-specific standards and retain or further develop skills and understandings mastered in preceding grades.

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Teachers will be trained in the above strategies in the form of Professional Development.

Category: English/Language Arts

Research Cited: <http://www.corestandards.org/ELA-Literacy/>

Tier: Tier 1

Activity - PD: Writing Across the Curriculum	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
During the 2018-2019 Professional Development Days, the ELA department from each grade (5-12) will meet to develop a scope and sequence for the Common Core Writing Standards. Teachers will use MSTEP data to identify gaps in the curriculum.	Professional Learning, Academic Support Program	Tier 1	Getting Ready	09/01/2016	06/07/2019	\$0	General Fund	all staff members
Activity - Study Island RTI Computer Program	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
We have trained our staff in the Study Island online RTI program. The students will be rewarded for their use of this program and the staff will be given data to make classroom curriculum adjustments.	Supplemental Materials, Technology, Curriculum Development, Academic Support Program	Tier 2		01/08/2018	06/07/2019	\$5500	General Fund	Teacher and Administrator
Activity - District Wide Curriculum Planning Team Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
District teams will meet quarterly to discuss curriculum development and data trends that are affecting our student body. They will use these common work periods to assess and alter the delivery of curriculum.	Professional Learning, Curriculum Development	Tier 1		01/08/2018	06/07/2019	\$0	General Fund	Teachers and Administrator

Goal 3: All students at Negaunee Middle School will improve in their general science skills.

Measurable Objective 1:

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A 2% increase of Fifth, Sixth, Seventh and Eighth grade students will demonstrate a proficiency in measuring, recording, and sharing data collected in a lab setting, as well as recognize similarities and differences between measuring tools in Science by 06/07/2019 as measured by pre-/post- test assessment, unit assessments, and M-STEP Assessment..

Strategy 1:

Improve general science skills. - Students will utilize measurement tools in a science laboratory setting, use correct units, and recognize the type of tool necessary to complete the task. Students will label all work using correct units. Students will also present results and/or scientific ideas of laboratory activities to peers.

Category: Science

Research Cited: M-Step analysis and item descriptors

Helen Quinn (Editor), Heidi Schweingruber (Editor), Thomas Keller (Editor), Committee on Conceptual Framework for the New K-12 Science Education Standards, National Research Council (2012) - A Framework for K-12 Science Education: Practices, Crosscutting Concepts, and Core Ideas

Tier: Tier 2

Activity - Teacher Training in Science.	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Using General funding will be used to offer professional development costs for teachers in the science and technology fields. Examples of such PD include but are not limited to New Michigan Science Standards Conferences, and MACUL.	Technology , Professional Learning, Curriculum Development, Teacher Collaboration, Materials, Direct Instruction	Tier 1		09/02/2014	06/07/2019	\$500	Other	All 5th 6th, 7th, and 8th grade science teachers, building administrator(s).

Activity - Teacher Training on Technology incorporation into the Science Classroom	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Four Teachers in grades 5-8 will attend the STEAM conference or similar STEAM related PD (ex. NGSX Conference on modeling instruction, Seaborg Center Science Training) to better develop and learn strategies develop strategies to introduce technology into the science classroom.	Supplemental Materials, Technology, Professional Learning, Curriculum Development, Academic Support Program, Materials, Direct Instruction	Tier 1	Implement	06/16/2015	06/07/2019	\$5000	General Fund	5-8 Science Teachers
Activity - Science Curriculum Standards Alignment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All grade levels are in the process of aligning the science curriculum with the newly adopted Michigan State Science Standards adapted from the Next Generation Science Standards. Classroom learning experiences are being designed to stimulate students' interests in science and prepare them for high school and beyond.	Curriculum Development	Tier 1	Getting Ready	09/06/2016	06/07/2019	\$0	No Funding Required	Fifth and sixth grade teaching staff, along with seventh and eighth grade Science teachers
Activity - Science Team Districtwide Curriculum Meeting	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Our Science department is meeting quarterly to transition to the Next Generation Science Standards. This team approach will help us navigate the changes in the curriculum and help to better cover gaps in our science offerings.	Curriculum Development, Academic Support Program	Tier 1	Implement	09/11/2017	06/07/2019	\$0	No Funding Required	Teachers and Administrators
Activity - Study Island RTI Program Use	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

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We have trained our staff in the Study Island online RTI program. The students will be rewarded for their use of this program and the staff will be given data to make classroom curriculum adjustments.	Technology , Professional Learning, Academic Support Program, Materials	Tier 2	Implement	01/08/2018	06/07/2019	\$5500	General Fund	Teacher and Administrative Staff
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Activity - Program Development in STEM areas of Study	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
During the 2017-18 school year, we began the implementation of STEM activities to promote student development in science, technology, engineering, and math. These programs include our Winter Olympic Catapult design competition, our 5th grade "Smarter than a fifth grader" quiz club, and the 7th grade Science Olympiad club (2018-2019).	Academic Support Program	Tier 1	Implement	09/05/2017	06/07/2019	\$0	No Funding Required	5th and 7th Grade Teachers, Administration

Goal 4: To close the achievement gap between the Negaunee Middle School bottom 30% performing students and the top 30% students by 5%

Measurable Objective 1:

demonstrate a proficiency by decreasing the gap between our lower achieving 30% of the NMS student population and the upper 30% of the student population by 5% by 06/12/2020 as measured by comparing the proficiency levels on the ELA and Mathematics M-Step testing..

Strategy 1:

Extra Support Provided Through Math Labs or Seminar - NMS will monitor and provide students within the bottom 30% performance rate in Math, with the opportunity to enroll in Math Labs or Seminars. This class options will be strongly encouraged for students that are not passing or at risk of failing math.

Category: Mathematics

Research Cited: Flores, Margaret M., and Maria Kaylor. "The Effects of a Direct Instruction Program on the Fraction Performance of Middle School Students At-risk for Failure in Mathematics." Journal of instructional psychology 34.2 (2007).

Tier: Tier 2

Activity - Critical List Monitor	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Using our school Academic Critical List in cooperation with teacher input, we will identify and monitor the progress and work completion of struggling students.	Academic Support Program, Teacher Collaboration	Tier 1		08/27/2018	06/12/2020	\$0	Other	Assistant Principal, Teachers
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Activity - High Attendance Issue Program Offerings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Letters will be sent at the conclusion of the school year to any student with more than 15 absences accumulated during the school year. These letters will invite the students to take part in our Math Lab or Seminar classes at NMS. It will be stated in the letter that the research at NMS shows that students with 15 or more absences per year are 98% likely to not be proficient in their Math M-step testing.	Behavioral Support Program, Academic Support Program	Tier 2	Implement	05/01/2018	06/14/2019	\$0	Title VI Part B	Homework Help Title VI Aide, Administrator

Strategy 2:

Summer Study Program - We will provide students with access to their Study Island and Khan Academy accounts throughout the summer months to encourage students to continue working on skill development throughout the summer months. We will also offer students the opportunity to enroll in the GRASP summer learning program.

Category: Learning Support Systems

Research Cited: Kasner, Derek. The Effects of Study Island on End-of-course Exam Scores. Diss. Northwest Missouri State University, 2015.

Thompson, Clive. "How Khan Academy is changing the rules of education." Wired Magazine 126 (2011): 1-5.

Tier: Tier 1

Activity - Summer Academic Work Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will be encouraged to access and use Study Island and Khan Academy programs during the summer months to address academic needs.	Academic Support Program	Tier 1	Implement	06/08/2018	09/07/2020	\$5500	General Fund	Administrative Monitoring

Strategy 3:

After School Homework Help Standards and Benchmark Review - We will re-evaluate the effectiveness of our Afterschool Homework Help Group and create clear standards and expectations for student participation.

Category: Learning Support Systems

Research Cited: Cosden, Merith, et al. "The effects of homework programs and after-school activities on school success." Theory into Practice 43.3 (2004): 220-226.

Tier: Tier 2

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Activity - Invitation of Lower Achieving StudentsTo Homework Help Club	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
After identifying our low achieving students we will invite them to participate in our after-school homework help program.	Academic Support Program	Tier 1	Getting Ready	09/03/2018	06/12/2020	\$0	No Funding Required	Guidance Staff, Administration

Activity - Curriculum Framework for Homework Help Group	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide guidance and establish the expectations for the Homework help program to the paraprofessional and monitor student progress.	Academic Support Program	Tier 1	Getting Ready	09/03/2018	06/12/2020	\$5000	Title VI Part B	Homework help advisor, administrator.

Strategy 4:

Paraprofessional Training - Provide Training for our Paraprofessional Staff on how to most effectively work with higher need students.

Category: Learning Support Systems

Research Cited: Jones, Karen H., and William N. Bender. "Utilization of paraprofessionals in special education: A review of the literature." Remedial and Special Education 14.1 (1993): 7-14.

Tier: Tier 2

Activity - Training (Strategies for Effectively Working With High Need Student)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Inviting our Paraprofessionals to a training hosted by our Special Education Director, with the aim of providing paraprofessionals insight into effectively working with and helping foster growth in our higher need students.	Behavioral Support Program, Academic Support Program	Tier 2	Implement	08/27/2018	06/07/2019	\$1000	General Fund	Special Education Department, Administration

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Title VI Part B

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Curriculum Framework for Homework Help Group	Provide guidance and establish the expectations for the Homework help program to the paraprofessional and monitor student progress.	Academic Support Program	Tier 1	Getting Ready	09/03/2018	06/12/2020	\$5000	Homework help advisor, administrator.
High Attendance Issue Program Offerings	Letters will be sent at the conclusion of the school year to any student with more than 15 absences accumulated during the school year. These letters will invite the students to take part in our Math Lab or Seminar classes at NMS. It will be stated in the letter that the research at NMS shows that students with 15 or more absences per year are 98% likely to not be proficient in their Math M-step testing.	Behavioral Support Program, Academic Support Program	Tier 2	Implement	05/01/2018	06/14/2019	\$0	Homework Help Title VI Aide, Administrator

Other

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Critical List Monitor	Using our school Academic Critical List in cooperation with teacher input, we will identify and monitor the progress and work completion of struggling students.	Academic Support Program, Teacher Collaboration	Tier 1		08/27/2018	06/12/2020	\$0	Assistant Principal, Teachers

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Teacher Training in Science.	Using General funding will be used to offer professional development costs for teachers in the science and technology fields. Examples of such PD include but are not limited to New Michigan Science Standards Conferences, and MACUL.	Technology, Professional Learning, Curriculum Development, Teacher Collaboration, Materials, Direct Instruction	Tier 1		09/02/2014	06/07/2019	\$500	All 5th 6th, 7th, and 8th grade science teachers, building administrator(s).
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General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Study Island Online Math Program, Training and implementation	We have trained our staff in the Study Island online RTI program. The students will be rewarded for their use of this program and the staff will be given data to make classroom curriculum adjustments.	Supplemental Materials, Technology, Professional Learning, Curriculum Development, Academic Support Program	Tier 2	Implement	01/29/2018	06/12/2020	\$1000	Teachers and administrators will be in charge of monitoring and review the data produced by this program.
Training (Strategies for Effectively Working With High Need Student)	Inviting our Paraprofessionals to a training hosted by our Special Education Director, with the aim of providing paraprofessionals insight into effectively working with and helping foster growth in our higher need students.	Behavioral Support Program, Academic Support Program	Tier 2	Implement	08/27/2018	06/07/2019	\$1000	Special Education Department, Administration

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Teacher Training and Funding	General funding will be used to offset professional development costs. Examples include Reading Conferences, Staff ELA training, and Educational Support Materials.	Supplemental Materials, Technology, Professional Learning, Curriculum Development, Academic Support Program, Teacher Collaboration, Materials, Direct Instruction	Tier 1	Implement	06/06/2016	06/07/2019	\$5000	Teacher and Administration
District Wide Curriculum Planning Team Meetings	District teams will meet quarterly to discuss curriculum development and data trends that are affecting our student body. They will use these common work periods to assess and alter the delivery of curriculum.	Professional Learning, Curriculum Development	Tier 1		01/08/2018	06/07/2019	\$0	Teachers and Administrator
Teachers will provide explicit instruction, clear modeling, extensive guided practice and feedback.	Using a variety of techniques, teachers will receive professional development in both the research and teaching of all operations with rational numbers, ratios and proportions.	Direct Instruction	Tier 1	Implement	09/02/2014	06/07/2019	\$500	Fifth and sixth grade teaching staff, along with 7th & 8th grade Math teachers, building administrator.
PD: ELA Strategies	During the course of the 2018-19 school year, we will send 2 teachers to the Michigan Reading Conference or a conference that offers similar content.	Technology, Professional Learning, Curriculum Development, Direct Instruction	Tier 1	Implement	06/16/2015	06/07/2019	\$3000	5-8 English Teachers
Study Island RTI Program Use	We have trained our staff in the Study Island online RTI program. The students will be rewarded for their use of this program and the staff will be given data to make classroom curriculum adjustments.	Technology, Professional Learning, Academic Support Program, Materials	Tier 2	Implement	01/08/2018	06/07/2019	\$5500	Teacher and Administrative Staff

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ELA departments from each grade will get together and map out a scope and sequence of reading/writing standards related to the common core, Smarter Balanced testing, and M-STEP assessments.	Using a variety of techniques, teachers will receive professional development in both research and teaching of literary elements. Teachers will have opportunities for consultation from both Northern Michigan University and MARESA (Marquette-Alger Regional Education Service Agency).	Direct Instruction			09/02/2014	06/07/2019	\$500	All 5th, 6th, 7th, and 8th grade language arts teachers, as well as the building administrator.
PD: Writing Across the Curriculum	During the 2018-2019 Professional Development Days, the ELA department from each grade (5-12) will meet to develop a scope and sequence for the Common Core Writing Standards. Teachers will use MSTEP data to identify gaps in the curriculum.	Professional Learning, Academic Support Program	Tier 1	Getting Ready	09/01/2016	06/07/2019	\$0	all staff members
Study Island RTI Computer Program	We have trained our staff in the Study Island online RTI program. The students will be rewarded for their use of this program and the staff will be given data to make classroom curriculum adjustments.	Supplemental Materials, Technology, Curriculum Development, Academic Support Program	Tier 2		01/08/2018	06/07/2019	\$5500	Teacher and Administrator
Study Island ELA Program Implementation	We have trained our staff in the Study Island online RTI program. The students will be rewarded for their use of this program and the staff will be given data to make classroom curriculum adjustments.	Technology, Professional Learning, Curriculum Development, Academic Support Program, Materials	Tier 2		02/05/2018	06/12/2020	\$5500	Teachers and Administrators

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Teacher Training on Technology incorporation into the Science Classroom	Four Teachers in grades 5-8 will attend the STEAM conference or similar STEAM related PD (ex. NGSX Conference on modeling instruction, Seaborg Center Science Training) to better develop and learn strategies develop strategies to introduce technology into the science classroom.	Supplemental Materials, Technology, Professional Learning, Curriculum Development, Academic Support Program, Materials, Direct Instruction	Tier 1	Implement	06/16/2015	06/07/2019	\$5000	5-8 Science Teachers
Teacher Training in Math	General funding will be used to enhance staff development and understanding of the Common Core Curriculum in Math at grades 5-8. Some examples of this funding use include but are not limited to Common Core Curriculum Development PD, Math Conferences focused on improving teacher use of the CC state standards.	Technology, Curriculum Development, Academic Support Program, Teacher Collaboration	Tier 1		06/07/2016	06/07/2019	\$4000	Teachers and Administrative staff.
Summer Academic Work Support	Students will be encouraged to access and use Study Island and Khan Academy programs during the summer months to address academic needs.	Academic Support Program	Tier 1	Implement	06/08/2018	09/07/2020	\$5500	Administrative Monitoring

School Improvement Grant (SIG)

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Visual Spatial Study to Increase Math Reasoning	This Program is a study by the Ohio State University to study the effects of Visual Spatial reasoning on students, and the impact this type of learning has on Math skills.	Supplemental Materials, Technology, Curriculum Development, Academic Support Program, Direct Instruction	Tier 2		01/09/2017	06/12/2020	\$1500	7th Grade Math Teacher

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Reading Counts Alignment	During the 2018-2019 Professional Development Days, the ELA department from each grade (5-12) will align the expectations for the Scholastic Counts Reading Inventory. Teachers will focus on creating a criterion based overview with supporting grade specific rubrics.	Curriculum Development, Teacher Collaboration	Tier 1	Getting Ready	09/01/2016	06/07/2019	\$500	5-8 English Language Arts Teachers
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Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Statewide Autism Resources and Training Conference	Integrate students with perceived reading difficulties due to Autism back into the general education classroom, through recognition and strategy development.	Supplemental Materials, Behavioral Support Program, Curriculum Development, Academic Support Program, Materials, Direct Instruction	Tier 2		05/17/2016	06/08/2018	\$3000	Administrator, Special Education Teachers (2), 6th Grade Regular Education Teacher, and Guidance Counselor.

No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Program Development in STEM areas of Study	During the 2017-18 school year, we began the implementation of STEM activities to promote student development in science, technology, engineering, and math. These programs include our Winter Olympic Catapult design competition, our 5th grade "Smarter than a fifth grader" quiz club, and the 7th grade Science Olympiad club (2018-2019).	Academic Support Program	Tier 1	Implement	09/05/2017	06/07/2019	\$0	5th and 7th Grade Teachers, Administration
Science Team Districtwide Curriculum Meeting	Our Science department is meeting quarterly to transition to the Next Generation Science Standards. This team approach will help us navigate the changes in the curriculum and help to better cover gaps in our science offerings.	Curriculum Development, Academic Support Program	Tier 1	Implement	09/11/2017	06/07/2019	\$0	Teachers and Administrators

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Novel Learning Circles	Our 7th Grade English Department has initiated a novel study program their English classes to help reinforce reading strategies.	Curriculum Development, Academic Support Program, Direct Instruction	Tier 1		09/11/2017	06/07/2019	\$0	Teachers of the 7th Grade English Department
All students in grade levels 5 through 8 will be continually assessed and receive mathematics instruction utilizing flexible ability groups.	Student performance data related to mathematics will be continually monitored throughout the school year to provide appropriate placements for all students which will match all students' individual readiness for learning. Pacing, time, and clear learning goals will guide decision making regarding individual flexible placements and skill development.	Academic Support Program, Teacher Collaboration, Class Size Reduction, Direct Instruction		Implement	09/06/2016	06/07/2019	\$0	Fifth and sixth grade teaching staff, along with 7th and 8th grade Math teachers and special education staff.
Visual Spatial Work in CTE Classes	Teachers involved in the NMS CTE classes. Drafting, Woods, Industrial Materials and Small Engines, will incorporate visual spatial training blocks throughout the semester to improve math reasoning.	Technology, Direct Instruction	Tier 2	Implement	09/04/2017	06/12/2020	\$0	CTE and Industrial Arts Staff
5-6 Grade Leveled Math Groups	Students in grades 5-6 at NMS will level students in ability groups to help focus on student need and achievement areas.	Curriculum Development, Academic Support Program, Teacher Collaboration, Class Size Reduction, Direct Instruction	Tier 1	Implement	09/03/2014	06/07/2019	\$0	Math Learning Teams by grade level. NMS Principal Mike McCollum
Invitation of Lower Achieving Students To Homework Help Club	After identifying our low achieving students we will invite them to participate in our after-school homework help program.	Academic Support Program	Tier 1	Getting Ready	09/03/2018	06/12/2020	\$0	Guidance Staff, Administration
Khan Academy use in Math Lab	During our Math Lab sessions, we will be incorporating the Khan Academy to our support plan. This program will help to supplement skills and promote skill development.	Technology, Academic Support Program	Tier 1	Getting Ready	06/10/2016	06/07/2019	\$0	Math Lab teachers.

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Science Curriculum Standards Alignment	All grade levels are in the process of aligning the science curriculum with the newly adopted Michigan State Science Standards adapted from the Next Generation Science Standards. Classroom learning experiences are being designed to stimulate students' interests in science and prepare them for high school and beyond.	Curriculum Development	Tier 1	Getting Ready	09/06/2016	06/07/2019	\$0	Fifth and sixth grade teaching staff, along with seventh and eighth grade Science teachers
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