



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

Overview

Plan Name

2017-2018 School Improvement Plan

Plan Description

2017-2018 School Improvement Plan prepared for the Negaunee Middle School

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: 6	Academic	\$6000
2	All students at Negaunee Middle School will improve their English Language Arts skills.	Objectives: 1 Strategies: 2 Activities: 6	Academic	\$12000
3	All students at Negaunee Middle School will improve in their general science skills.	Objectives: 1 Strategies: 1 Activities: 3	Academic	\$5500

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 06/08/2018 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:

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	06/08/2018	\$500	Title II Part A	Fifth and sixth grade teaching staff, along with 7th & 8th grade Math teachers, building administrator.

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Status	Progress Notes	Created On	Created By
In Progress	We will continue to evaluate the structure of supplementary courses, such as Math Labs, Seminars, and Directed Studies using data collected from teacher feedback and M-Step data to help improve state assessment scores. This could include but is not limited to differentiated instruction and activities that better prepare students for Common Core math objectives.	April 28, 2016	Mike McCollum
In Progress	Teachers have been provided professional development opportunities which will focus on developing teachers' content knowledge and teaching skills that lead to student mastery of both mathematics concepts and precedes.	May 18, 2015	Mike McCollum
In Progress	Throughout the course of the 2014-2015 school year teachers were provided opportunities for professional development in math instruction. Project PRIME (Promoting Reform in Mathematics Education) helps teachers develop in both research and teaching of all operations with rational numbers, ratios and proportions.	May 18, 2015	Mike McCollum

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
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.	Teacher Collaboration, Direct Instruction, Class Size Reduction, Academic Support Program		Implement	09/06/2016	06/08/2018	\$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
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Title 2 funds 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, Teacher Collaboration, Curriculum Development, Academic Support Program	Tier 1		06/07/2016	06/08/2018	\$5000	Title II Part A	Teachers and Administrative staff.
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Activity - Math Club Creation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students in grades 5-6 will be invited to participate in a competitive math club at NMS. This club is designed to offer our math students opportunities to use higher order math skills in real world situations.	Technology, Extra Curricular, Curriculum Development, Direct Instruction, Academic Support Program, Career Preparation /Orientation, Supplemental Materials, Community Engagement, Parent Involvement	Tier 2	Implement	02/01/2017	06/13/2018	\$500	Other	Principal Michael McCollum School Improvement Team Math Curriculum Team Mrs. Kathy Black (Parent Advisor)

Activity - 5-6 Grade Leveled Math Groups	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Students in grades 5-6 at NMS will level students in ability groups to help focus on student need and achievement areas.	Teacher Collaboration, Curriculum Development, Direct Instruction, Class Size Reduction, Academic Support Program	Tier 1	Implement	09/03/2014	06/15/2018	\$0	No Funding Required	Math Learning Teams by grade level. NMS Principal Mike McCollum
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Activity - Khan Academy use in Math Lab	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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	06/08/2018	\$0	No Funding Required	Math Lab teachers.

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 06/08/2018 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)

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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	06/06/2017	\$500	Title II Part A	All 5th, 6th, 7th, and 8th grade language arts teachers, as well as the building administrator.

Status	Progress Notes	Created On	Created By
In Progress	During our winter Professional Development Days, the ELA department from each grade (5-12) got together and mapped out their scope and sequence of reading/ writing standards. They focused on the curriculum being covered during their year and addressed any gaps found in their teaching.	May 18, 2015	Mike McCollum
In Progress	Teachers, during the 2015-2016 school year, had the opportunity to attend state reading conferences to help develop their knowledge in both research and teaching of literary elements.	May 18, 2015	Mike McCollum

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 2017-18 school year, we will be sending 2 teachers to the Michigan Reading Conference or a conference that offers similar content.	Professional Learning, Technology, Curriculum Development, Direct Instruction	Tier 1	Implement	06/16/2015	06/08/2018	\$3000	Title I School Improvement (ISI)	5-8 English Teachers
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Activity - Reading Counts Alignment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
During the 2017-2018 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 criteria based overview with supporting grade specific rubrics.	Teacher Collaboration, Curriculum Development	Tier 1	Getting Ready	09/01/2016	06/08/2018	\$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
Title 2 funding will be used to offset professional development costs. Examples include, Reading Conferences, Staff ELA training, and Educational Support Materials.	Professional Learning, Materials, Technology, Teacher Collaboration, Curriculum Development, Direct Instruction, Academic Support Program, Supplemental Materials		Implement	06/06/2016	06/08/2018	\$5000	Title II Part A	Teacher and Administration

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Activity - Statewide Autism Resources and Training Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Integrate students with perceived reading difficulties due to Autism back into the general education classroom, through recognition and strategy development.	Materials, Behavioral Support Program, Curriculum Development, Direct Instruction, Academic Support Program, Supplemental Materials	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.

Status	Progress Notes	Created On	Created By
In Progress	A group of 4 teachers', and an administration attended the START Autism training offered at NMU.	May 24, 2017	Mike McCollum

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.

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

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Activity - PD: Writing Across the Curriculum	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
During the 2017-2018 Professional Development Days, the ELA department from each grade (5-12) will map out the 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	06/08/2018	\$0	General Fund	all staff members

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

Measurable Objective 1:

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 06/08/2018 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
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Title II 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.	Professional Learning, Materials, Technology, Teacher Collaboration, Curriculum Development, Direct Instruction	Tier 2		09/02/2014	06/08/2018	\$500	Other	All 5th 6th, 7th, and 8th grade science teachers, building administrator(s).
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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
Four Teachers in grades 5-8 will attend the STEAM conference to better develop and learn strategies develop strategies to introduce technology into the science classroom.	Professional Learning, Materials, Technology, Curriculum Development, Direct Instruction, Academic Support Program, Supplemental Materials	Tier 1	Implement	06/16/2015	06/08/2018	\$5000	Title I School Improvement (ISI)	5-8 Science Teachers

Activity - Science Curriculum Standards Alignment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>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.</p>	<p>Curriculum Development</p>	<p>Tier 1</p>	<p>Getting Ready</p>	<p>09/06/2016</p>	<p>06/08/2018</p>	<p>\$0</p>	<p>No Funding Required</p>	<p>Fifth and sixth grade teaching staff, along with seventh and eighth grade Science teachers</p>
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Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

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.	Materials, Behavioral Support Program, Curriculum Development, Direct Instruction, Academic Support Program, Supplemental Materials	Tier 2		05/17/2016	06/08/2018	\$3000	Administrator, Special Education Teachers (2), 6th Grade Regular Education Teacher, and Guidance Counselor.
Teacher Training in Math	Title 2 funds 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, Teacher Collaboration, Curriculum Development, Academic Support Program	Tier 1		06/07/2016	06/08/2018	\$5000	Teachers and Administrative staff.

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Teacher Training and Funding	Title 2 funding will be used to offset professional development costs. Examples include, Reading Conferences, Staff ELA training, and Educational Support Materials.	Professional Learning, Materials, Technology, Teacher Collaboration, Curriculum Development, Direct Instruction, Academic Support Program, Supplemental Materials		Implement	06/06/2016	06/08/2018	\$5000	Teacher and Administration
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	06/06/2017	\$500	All 5th, 6th, 7th, and 8th grade language arts teachers, as well as the building 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	06/08/2018	\$500	Fifth and sixth grade teaching staff, along with 7th & 8th grade Math teachers, building administrator.

Title I School Improvement (ISI)

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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PD: ELA Strategies	During the course of the 2017-18 school year, we will be sending 2 teachers to the Michigan Reading Conference or a conference that offers similar content.	Professional Learning, Technology, Curriculum Development, Direct Instruction	Tier 1	Implement	06/16/2015	06/08/2018	\$3000	5-8 English Teachers
Teacher Training on Technology incorporation into the Science Classroom	Four Teachers in grades 5-8 will attend the STEAM conference to better develop and learn strategies develop strategies to introduce technology into the science classroom.	Professional Learning, Materials, Technology, Curriculum Development, Direct Instruction, Academic Support Program, Supplemental Materials	Tier 1	Implement	06/16/2015	06/08/2018	\$5000	5-8 Science Teachers

School Improvement Grant (SIG)

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Reading Counts Alignment	During the 2017-2018 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 criteria based overview with supporting grade specific rubrics.	Teacher Collaboration, Curriculum Development	Tier 1	Getting Ready	09/01/2016	06/08/2018	\$500	5-8 English Language Arts Teachers

Other

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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Teacher Training in Science.	Title II 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.	Professional Learning, Materials, Technology, Teacher Collaboration, Curriculum Development, Direct Instruction	Tier 2		09/02/2014	06/08/2018	\$500	All 5th 6th, 7th, and 8th grade science teachers, building administrator(s).
Math Club Creation	Students in grades 5-6 will be invited to participate in a competitive math club at NMS. This club is designed to offer our math students opportunities to use higher order math skills in real world situations.	Technology, Extra Curricular, Curriculum Development, Direct Instruction, Academic Support Program, Career Preparation /Orientation, Supplemental Materials, Community Engagement, Parent Involvement	Tier 2	Implement	02/01/2017	06/13/2018	\$500	Principal Michael McCollum School Improvement Team Math Curriculum Team Mrs. Kathy Black (Parent Advisor)

General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
PD: Writing Across the Curriculum	During the 2017-2018 Professional Development Days, the ELA department from each grade (5-12) will map out the 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	06/08/2018	\$0	all staff members

No Funding Required

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Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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	06/08/2018	\$0	Fifth and sixth grade teaching staff, along with seventh and eighth grade Science teachers
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	06/08/2018	\$0	Math Lab teachers.
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.	Teacher Collaboration, Direct Instruction, Class Size Reduction, Academic Support Program		Implement	09/06/2016	06/08/2018	\$0	Fifth and sixth grade teaching staff, along with 7th and 8th grade Math teachers and special education 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.	Teacher Collaboration, Curriculum Development, Direct Instruction, Class Size Reduction, Academic Support Program	Tier 1	Implement	09/03/2014	06/15/2018	\$0	Math Learning Teams by grade level. NMS Principal Mike McCollum