

Negaunee High School

Negaunee Public Schools

Mr. Mark A. Marana, Principal 500 WEST ARCH ST NEGAUNEE, MI 49866-1323

## **TABLE OF CONTENTS**

| Introduction   | 1  |
|--|----|
| Improvement Plan Assurance   |    |
| Introduction   | 3  |
| Improvement Plan Assurance   | 4  |
| Plan for School Improvement Plan 2017 - 2018   |    |
| Overview   | 6  |
| Goals Summary  | 7  |
| Goal 1: All Negaunee High School students will improve their mathematical skills                                       |    |
| Goal 2: All Negaunee High School students will improve their proficiency in reading and writing                        |    |
| Goal 3: All Social Studies students will become proficient in constructing and expressing reasoned positions on public | ;  |
| issues   | 13 |
| Goal 4: Students at Negaunee High School will become more proficient in science  | 16 |
| Activity Summary by Funding Source   | 10 |

#### 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**

Negaunee High School

#### 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<br>Plans in | See Goals and Plans in Assist. |            |
|       |  | ASSIST                |                                |            |

Plan for School Improvement Plan 2017 - 2018

Negaunee High School

## **Overview**

#### Plan Name

Plan for School Improvement Plan 2017 - 2018

#### **Plan Description**

SIP

# **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 Negaunee High School students will improve their mathematical skills.  | Objectives: 1<br>Strategies: 2<br>Activities: 5  | Academic  | \$20600       |
| 2 | All Negaunee High School students will improve their proficiency in reading and writing.                               | Objectives: 1<br>Strategies: 4<br>Activities: 10 | Academic  | \$14000       |
|   | All Social Studies students will become proficient in constructing and expressing reasoned positions on public issues. | Objectives: 1<br>Strategies: 3<br>Activities: 11 | Academic  | \$17500       |
| 4 | Students at Negaunee High School will become more proficient in science.   | Objectives: 1<br>Strategies: 2<br>Activities: 3  | Academic  | \$5000        |

## Goal 1: All Negaunee High School students will improve their mathematical skills.

#### **Measurable Objective 1:**

85% of Ninth, Tenth and Eleventh grade students will demonstrate a proficiency in skill in Mathematics by 06/01/2022 as measured by pre and post test scores, SAT, and M-Step Scores..

#### Strategy 1:

Collaborative Teaching - Students of varying levels will work in groups together to improve skills. In addition, Special Education teachers will be present in classes to provide assistance and Directed Study math classes will also be available for students to receive individualized instruction.

Category: Mathematics

Research Cited: http://scholar.lib.vt.edu/ejournals/JTE/v7n1/gokhale.jte-v7n1.html

Tier: Tier 1

| Activity - Collaborative Lessons  | Activity<br>Type | Tier | Phase | Begin Date |            |                 | Staff<br>Responsible                      |
|---|------------------|------|-------|------------|------------|-----------------|---|
| Staff will implement one collaborative activity for each unit allowing students to work together. Staff will continue to implement these activities during the 2016-17 school year, allowing students to work together. | Other            |      |       | 09/03/2013 | 06/11/2020 | General<br>Fund | Mathematic<br>s<br>Department<br>teachers |

| Activity - New Geometry Books 16-17  | Activity<br>Type   | Tier | Phase | Begin Date |            | Resource<br>Assigned |                 | Staff<br>Responsibl<br>e |
|--|--|------|-------|------------|------------|----------------------|-----------------|--------------------------|
| The high school purchased new Geometry books which aligned to the Common Core State Standards. | Curriculum<br>Developme<br>nt, Direct<br>Instruction,<br>Materials,<br>Supplemen<br>tal<br>Materials |      |       | 09/06/2016 | 06/17/2022 | \$16000              | General<br>Fund | Math<br>Department       |

#### Strategy 2:

Differentiated Instruction - Teachers will provide increased differentiated instruction for all learners.

Category:

Research Cited: The Council for Learning Disabilities suggests that differentiated instruction is a successful strategy for improving mathematics success.

Tier:

Negaunee High School

| Activity - Professional Development   | Activity<br>Type  | Tier   | Phase     | Begin Date |            |        | Source Of Funding  | Staff<br>Responsibl<br>e  |
|---|---|--------|-----------|------------|------------|--------|--------------------|---|
| All Mathematics teachers will participate in professional development activities in conjuntion with Special Education teachers. This will allow teachers to enhance their skills and understanding in differentiating instruction. It will also provide opportunity for teachers to identify individual student learning styles and needs. This could include but is not limited to the National Math Conference, MACUL, training at RESA, and other materials to support the Common Core State Standards and Merit Curriculum. | Teacher Collaborati on, Curriculum Developme nt, Technology , Academic Support Program, Materials | Tier 1 | Implement | 09/03/2013 | 06/08/2018 | \$3500 | Title II Part<br>A | Mathematic<br>s and<br>Special<br>Education<br>teachers,<br>building<br>principal |
| Activity - Differentiated Lesson  | Activity<br>Type  | Tier   | Phase     | Begin Date | End Date   |        | Source Of Funding  | Staff<br>Responsible  |
| Teachers will use a variety of techniques and strategies during every unit that address the varying needs of all students.  | Supplemen<br>tal<br>Materials   |        |           | 03/14/2014 | 06/08/2018 | \$500  | General<br>Fund    | Math<br>Teachers  |
| Activity - SAT Prep   | Activity<br>Type  | Tier   | Phase     | Begin Date | End Date   |        | Source Of Funding  | Staff<br>Responsibl   |

# Program Department over seen by the Principal.

Tier 1

Academic

Support

Implement

09/01/2016 06/08/2018 \$0

## Goal 2: All Negaunee High School students will improve their proficiency in reading and writing.

#### **Measurable Objective 1:**

SAT Prep 11th Grade Students.

85% of Eleventh grade students will demonstrate a proficiency in their reading and writing test scores in English Language Arts by 06/01/2022 as measured by SAT and M-Step scores..

#### Strategy 1:

Sustained Silent Reading - All students will engage in 12 minutes of Sustained Silent Reading (SSR) daily. The entire school will observe a reading period during a specific time each day to encourage and nurture individual reading. This uninterrupted block of time for reading is intended to provide structured reading practice; promote a lifelong reading habit; model the importance of reading; provide an opportunity for authentice reading of self-selected materials; and improve skills in reading comprehension, writing style, vocabulary, spelling and grammar. To support the implementation of SSR the staff will be retrained on the components and philosophy of SSR and ideas and resources will be shared at the beginning of the school year. Each classroom will have access to books for students to read during SSR and the

е

Our

Mathematic

General

Fund

Negaunee High School

teachers in the English Department will provide classroom instruction to students at all grade levels on the importance of and procedures for SSR. It is our belief that attitudes about reading are crucial to achievement in literacy. SSR is intended to nurture and develop this attitudinal, often deeply personal, response to reading. However difficult it is to change such attitudes in adolescents, it is our intent to address the challenge with lessons, discussions, celebration of literacy, book talks, and other activities to help develop our students' attitudes about their own reading skills and habits.

Category:

Research Cited: A significant number of studies support Sustained Silent Reading as a powerful strategy for improvement in reading achievement. Studies from the IAEA (1992), Krashen (1993), Kornelly and Smith (1993) and SanDiego County (1996) all associate SSR with improved achievement in reading. One study says that SSR is the single factor most strongly associated with reading achievement, even more than socioeconomic status. A 2008-2009 publication of the International Reading Association, citing a number of studies, concludes there is a convergence of research to support SSR in schools.

Tier:

|  | Activity<br>Type          | Tier | Phase | Begin Date |            | Resource<br>Assigned | Staff<br>Responsible   |
|--|---------------------------|------|-------|------------|------------|----------------------|--|
| Teachers in all academic departments will be trained at a professional development day in the philosophy, procedures, and practices of a successful SSR program. | Professiona<br>I Learning |      |       | 09/29/2016 | 06/08/2018 | \$0                  | All faculty<br>and staff<br>and<br>Negaunee<br>High<br>School.<br>English<br>Department<br>teachers<br>will conduct<br>the training. |
|  |                           |      |       |            |            |                      |  |

| Activity - Establish individual student reading goals | Activity<br>Type      | Tier | Phase | Begin Date |            |   | Staff<br>Responsibl<br>e  |
|---|-----------------------|------|-------|------------|------------|---|---|
|   | Direct<br>Instruction |      |       | 08/31/2016 | 06/08/2018 | · | English<br>teachers,<br>SSR<br>teachers,<br>building<br>principal |

| Activity - Student Centered Lessons on "Reading Reasons"  | Activity<br>Type               | Tier | Phase | Begin Date |            |   |                        | Staff<br>Responsibl<br>e |
|---|--------------------------------|------|-------|------------|------------|---|------------------------|--------------------------|
| Teachers will share with students a variety of lessons during SSR and in English classes to promote, inspire and celebrate reading. Examples of such lessons can be found in Reading Reasons by Kelly Gallagher (Stenhouse Publishers, 2003). | Academic<br>Support<br>Program |      |       | 09/06/2016 | 06/08/2018 | ' | No Funding<br>Required | English<br>Department    |

Negaunee High School

| Activity - Teacher Training on Reading Strategies | Activity<br>Type   | Tier   | Phase     | Begin Date | End Date   |        | Staff<br>Responsibl<br>e                    |
|---|--|--------|-----------|------------|------------|--------|---|
| Reading Conference.                               | Curriculum<br>Developme<br>nt,<br>Technology<br>, Academic<br>Support<br>Program,<br>Direct<br>Instruction,<br>Supplemen<br>tal<br>Materials | Tier 1 | Implement | 09/06/2016 | 06/08/2018 | School | English<br>teachers in<br>grades 9 -<br>12, |

#### Strategy 2:

Increase informational non-fiction text - An increase in the amount of required reading of informational non-fiction text will be implemented in the English Language Arts curriculum at all four grade levels. Currently the English curriculum's literature component is dominated by fiction. Although we continue to believe that a strong emphasis on literary fiction is important and crucial to an effective English curriculum, we recognize the importance of literary non-fiction, especially as we transition to the expectations and requirements of the Common Core Curricululm.

#### Category:

Research Cited: The Common Core Curriculum, supported by a wide variety of research nationwide, not only recommends but requires an emphasis on informational non-fiction text at the high school level. Furthermore, many studies and experts in the field support the importance of such a strategy (i.e. NCTE, Gallagher, Kittle, Harrington and Koppenhaver, and others).

Tier:

| Activity - Impement study of non-fiction texts in English curriculum   | Activity<br>Type      | Tier | Phase | Begin Date |            |        |       | Staff<br>Responsibl<br>e  |
|--|-----------------------|------|-------|------------|------------|--------|-------|---|
| English classes 9-12 will teach at least one new unit or lesson focusing on non-fiction text: essays, biographies, memoirs, and other informational and persuasive texts. This will likely require the purchase of some classroom sets of non-fiction books. | Direct<br>Instruction |      |       | 09/03/2013 | 06/08/2018 | \$1000 | Other | English<br>Department<br>teachers<br>and<br>building<br>principal |

| Activity - Direct Instruction in reading comprehension skills | Activity<br>Type | Tier | Phase | Begin Date |  | Staff<br>Responsibl |
|---|------------------|------|-------|------------|--|---------------------|
|   |                  |      |       |            |  | e                   |

Negaunee High School

| English classes will develop and teach lessons in specific reading comprehension strategies including read-aloud modeling, note-taking, reading journals, fluency, organizational tactics, QAR, and stamina building. | Direct<br>Instruction |  | 09/06/2016 | 06/08/2018 |  | Required | English and<br>Special<br>Education<br>teachers<br>and<br>building<br>principal |
|---|-----------------------|--|------------|------------|--|----------|---|
|---|-----------------------|--|------------|------------|--|----------|---|

#### Strategy 3:

Innovative Research-Based Literacy Strategies - This strategy does not specify student activities; it is a professional development "fact-finding" strategy. We plan to explore new ideas and options for next year and beyond as we continue to improve our literacy instruction. Over the next year members of the English Department will explore and develop new literacy strategies for our new and existing course offerings. Last year three members of the English Department attended the National Council of Teachers of English Conference to learn new strategies in teaching literacy, both reading and writing instruction. This year the department will continue to process, share, and implement the most effective of those strategies and materials acquired at the NCTE conference.

Category: English/Language Arts

Research Cited: Countless studies support the importance of high quality professional development on instruction and student achievement. ASCD, NCTE, NEA and many other organizations have studied and reported on the direct correlation and causation of professional development on quality classroom instruction.

Tier: Tier 1

| Activity - Professional Development   | Activity<br>Type               | Tier   | Phase     | Begin Date |            |        |                 | Staff<br>Responsibl<br>e  |
|---|--------------------------------|--------|-----------|------------|------------|--------|-----------------|---|
| Members of the English Department will continue to seek professional development opportunities which may include but not limited to the RESA training, NCTE, NMU Reading / Writing Conference, SAT Prep / MSTEP Prep, and other Professional Development opportunities. | Academic<br>Support<br>Program | Tier 1 | Implement | 09/09/2016 | 06/08/2018 | \$3000 | General<br>Fund | Selected<br>members of<br>the High<br>School<br>English<br>Department |

#### Strategy 4:

Students will write more in varied genres for audience and purpose. - Students will write in ELA classes (and others such as Social Studies) a wider range of genres (technical writing, digital writing, reports, creative, poetry, research papers, etc.) for more varied audiences and purposes to improve their skills and attitudes about writing for real world application in college and career. Classroom instruction and assignments will help students to develop skills in many styles and genres that will help to meet their goals for writing beyond high school.

Category: English/Language Arts

Research Cited: Many experts in the field of writing instruction support the importance of varied instruction and practice in writing. They concur that writing in various genres with understanding of audience and purpose is important as a way for students to improve their skills as writers. Some of the specific sources are Jim Burke (Heinemann 2003), Penny Kittle (Heinemann 2008), Randy Bomer (Heinemann 1995), Troy Hicks (Heinemann 2009), and Tom Romano (various titles and dates).

Tier: Tier 1

SY 2018-2019

| Negaunee High School   |   |        |           |            |            |                      |  |  |
|--|---|--------|-----------|------------|------------|----------------------|--|--|
| Activity - Implement new ELA courses   | Activity<br>Type  | Tier   | Phase     | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding                          | Staff<br>Responsible                           |
| In 2015-16 Negaunee High School will offer three new courses in English/Language Arts: Digital Writing, Technical and Report Writing and World Mythology.  | Teacher<br>Collaborati<br>on,<br>Curriculum<br>Developme<br>nt,<br>Technology<br>, Direct<br>Instruction,<br>Materials                  | Tier 1 | Implement | 09/01/2015 | 06/08/2018 | \$2000               | General<br>Fund                            | English<br>Department<br>Staff,<br>Principal   |
| Activity - Instruction and practice in editing skills  | Activity<br>Type  | Tier   | Phase     | Begin Date |            | Resource<br>Assigned | Source Of Funding                          | Staff<br>Responsible                           |
| In English Language Arts courses (9-12) there will be more direct instruction and practice in editing skills with some additional emphasis on rules of punctuation, usage, the language of grammar, sentence structure, etc. | Teacher Collaborati on, Curriculum Developme nt, Professiona I Learning, Direct Instruction   | Tier 1 |           | 09/06/2016 | 06/08/2018 | \$0                  | No Funding<br>Required                     | English<br>Department<br>teachers              |
| Activity - Teacher Training on ELA Strategies  | Activity<br>Type  | Tier   | Phase     | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding                          | Staff<br>Responsibl<br>e                       |
| During the course to the 2016 - 17 school year we will send teachers to MACUL Conference or other professional development opportunities will be made available to them.   | Curriculum<br>Developme<br>nt,<br>Professiona<br>I Learning,<br>Technology<br>, Direct<br>Instruction,<br>Supplemen<br>tal<br>Materials | Tier 1 | Implement | 09/06/2016 | 06/08/2018 | \$5000               | Title I<br>School<br>Improveme<br>nt (ISI) | Our English<br>teachers in<br>grades 9-<br>12. |

# Goal 3: All Social Studies students will become proficient in constructing and expressing reasoned positions on public issues.

#### **Measurable Objective 1:**

100% of Twelfth grade students will demonstrate a proficiency in their ability to construct and express their position on a public policy issue in Social Studies by 06/09/2017 as measured by the final grade on their senior policy paper.

#### Strategy 1:

Writing to Learn - Teachers will use scaffolding to help students improve their ability to effectively express in writing their position on a public policy issue. Category:

Research Cited: The National Writing Project had endorsed writing to learn as an effective strategy in developing deeper understanding of complex issues

#### Tier:

| Activity - Introduction to public policy paper  | Activity<br>Type      | Tier | Phase | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding      | Staff<br>Responsible                  |
|---|-----------------------|------|-------|------------|------------|----------------------|------------------------|---------------------------------------|
| A description and grading rubric are handed to students and explained.  | Direct<br>Instruction |      |       | 09/06/2013 | 06/08/2018 | \$0                  | No Funding<br>Required | American<br>Governmen<br>t instructor |
| Activity - Introductory Questionnaire   | Activity<br>Type      | Tier | Phase | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding      | Staff<br>Responsible                  |
| Students complete a questionnaire which helps them think of a policy to write about, do some beginning thinking and research on a policy of their choice.   | Other                 |      |       | 09/19/2013 | 06/08/2018 | \$0                  | No Funding<br>Required | American<br>Governmen<br>t instructor |
| Activity - Research and writing a bibliography  | Activity<br>Type      | Tier | Phase | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding      | Staff<br>Responsible                  |
| Students will spend two days in the library researching their policy and then write a bibliography and turned in for evaluation.  | Direct<br>Instruction |      |       | 09/26/2013 | 06/08/2018 | \$0                  | No Funding<br>Required | American<br>Governmen<br>t instructor |
| Activity - Writing four paragraphs on political spectrum  | Activity<br>Type      | Tier | Phase | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding      | Staff<br>Responsible                  |
| Students will be taught the four main views of the political spectrum: radical, liberal, conservative, and reactionary. Then students will write a paragraph for each view on their public policy. This will be turned in and evaluated. This assignment is a part of the final paper on the public policy. | Direct<br>Instruction |      |       | 10/17/2013 | 06/08/2018 | \$0                  | No Funding<br>Required | American<br>Governmen<br>t instructor |

Negaunee High School

| Activity - Final Policy Paper written and turned in   | Activity<br>Type | Tier | Phase | Begin Date |            |     | Staff<br>Responsibl<br>e              |
|---|------------------|------|-------|------------|------------|-----|---------------------------------------|
| After students complete their policy paper, on the due date, students will grade their own paper and then write a five paragraph essay explaining their writing process in writing the policy paper. They will have to answer questions regarding the difficulty of the paper and whether people proofread their paper and what those people said about their paper. This information is stapled to the policy paper and turned in. The instructor then grades the paper using the rubric and students may re-write the paper for a better grade. |                  |      |       | 09/03/2013 | 06/08/2018 | - 1 | American<br>Governmen<br>t instructor |

| Activity - New Text Books / World History                                   | Activity<br>Type   | Tier   | Phase     | Begin Date |            |                 | Staff<br>Responsibl<br>e        |
|---|--|--------|-----------|------------|------------|-----------------|---------------------------------|
| Purchase of new text books to support updates in Social Studies curriculum. | Academic<br>Support<br>Program,<br>Direct<br>Instruction,<br>Materials | Tier 1 | Implement | 09/05/2017 | 06/10/2022 | General<br>Fund | Social<br>Studies<br>Department |

#### Strategy 2:

Improving research skills - In the process of completing a world religion project and a Vietnam project students will improve their research skills on controversial issues. Category:

Tier:

| Activity - Identifying sources  | Activity<br>Type      | Tier | Phase | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding      | Staff<br>Responsibl<br>e                     |
|---|-----------------------|------|-------|------------|------------|----------------------|------------------------|--|
| Students learn to identify types of sources (primary, secondary tertiary)                                       | Other                 |      |       | 09/02/2014 | 06/08/2018 | \$0                  | No Funding<br>Required | World and<br>American<br>History<br>Teachers |
| Activity - Respect Ownership  | Activity<br>Type      | Tier | Phase | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding      | Staff<br>Responsible                         |
| Respecting intellectual properties and rights of creators and writers through proper citation and bibliography. | Direct<br>Instruction |      |       | 09/02/2014 | 06/08/2018 | \$0                  | No Funding<br>Required | Social<br>Studies<br>Instructor              |
| Activity - Analyzing Conflicting Sources  | Activity<br>Type      | Tier | Phase | Begin Date | End Date   | Resource<br>Assigned | Source Of Funding      | Staff<br>Responsibl                          |

Negaunee High School

| Comparing and Contrasting Conflicting Sources  | Technology  |        |           | 09/02/2014 | 06/08/2018 | \$0                  | No Funding<br>Required | Social<br>Studies<br>Teacher    |
|--|---|--------|-----------|------------|------------|----------------------|------------------------|---------------------------------|
| Activity - Professional Development  | Activity<br>Type  | Tier   | Phase     | Begin Date | End Date   | Resource<br>Assigned |                        | Staff<br>Responsible            |
| Teachers will have the opportunity to attend professional development in Social Studies curriculum development and updates. These opportunities for professional development may include RESA training, special conferences, or other professional opportunities or conferences that may be available. | Teacher Collaborati on, Curriculum Developme nt, Professiona I Learning, Direct Instruction, Materials, Supplemen tal Materials | Tier 1 | Implement | 09/06/2016 | 06/08/2018 | \$2500               | Title II Part<br>A     | Social<br>Studies<br>Department |

#### Strategy 3:

Student Essay - Each student who is in our 10th grade World History class will be assigned to write a five paragraph essay that deals with World War I and World War !!. This will be a take home essay assignment on the start and end of this war and its importance in World History. Emphasis on this assignment is on comparing and contrasting the beginning to the end of each war.

Category: Social Studies

Research Cited: Emphasis on writing and knowledge by all students and the importance of this time in World HIstory.

Tier: Tier 2

| Activity - World History Essay | Activity<br>Type      | Tier   | Phase     | Begin Date |            |  | Staff<br>Responsibl<br>e                           |
|--------------------------------|-----------------------|--------|-----------|------------|------------|--|--|
|                                | Direct<br>Instruction | Tier 2 | Implement | 09/06/2016 | 06/08/2018 |  | Our 10th<br>grade<br>World<br>History<br>teachers. |

## Goal 4: Students at Negaunee High School will become more proficient in science.

#### **Measurable Objective 1:**

Negaunee High School

85% of Eleventh grade students will demonstrate a proficiency as measured by pre / posttest, SAT, and M-Step Scores by June 1, 2022. in Science by 06/01/2022 as measured by State test scores.

#### Strategy 1:

Differentiated Instruction in Science - All high school science teachers will provide increased differentiation in instruction in order to meet the specific needs of individual learners. Standardized test scores and other assessments indicate that some students exhibit a weakness in science achievement and understanding, illustrated by difficulty in making meaning\* out of written discourse and difficulty in comprehension of written and oral communication in science. Some possible causes for the gap are a lack of prior knowledge, difficulty with science vocabulary, gaps in the curriculum, and low reading skills. The increased emphasis on science in the media in a technological society underscores the need for improved literacy in science. Differentiated instruction is one of the best ways to ensure that instruction meets the needs of all students.

Category: Science

Research Cited: The Council for Learning Disabilities indicates that differentiation in instruction is a powerful strategy for helping students achieve proficiency in

science.

Tier:

| Activity - Professional Development   | Activity<br>Type          | Tier   | Phase     | Begin Date |            |        |                    | Staff<br>Responsibl<br>e                                      |
|---|---------------------------|--------|-----------|------------|------------|--------|--------------------|---|
| All Science teachers will participate in professional development activities designed to enhance their knowledge of differentiated instruction. They will engage in activities in conjunction with special education teachers to enhance their skills and understanding in order to differentiate instruction. It will also provide opportunity for teachers to identify individual learning styles and needs. These trainings may include, but are not limited to National Science Conference, MACUL, and RESA training. | Professiona<br>I Learning | Tier 1 | Implement | 09/03/2013 | 06/08/2018 | \$5000 | Title II Part<br>A | Science<br>Department<br>, Special<br>Education<br>Department |

| Activity - Test Taking Practice   | Activity<br>Type | Tier | Phase | Begin Date |            |                        | Staff<br>Responsibl<br>e                                |
|---|------------------|------|-------|------------|------------|------------------------|---|
| Students will take a practice PSAT type test (10 - 15 minute) version once a month prior to taking the actual SAT in their junior year. * | Other            |      |       | 09/03/2013 | 06/08/2018 | No Funding<br>Required | All Science<br>teachers,<br>High<br>School<br>principal |

#### Strategy 2:

Instruction in graph reading and data analysis - Both the SAT and MSTEP assessments require proficiency in data analysis. Student test scores indicate a need for

Negaunee High School

more instruction and practice in this skill. This strategy will involve multiple components and use a variety of lessons and activities in the science curriculum that specifically address graph reading and data analysis.

Category:

Research Cited: Multiple "Best Practice" sources provide evidence that repeated guided practice yields measurable results. This is true of instruction in data analysis and graph reading as well as other comprehension skills.

Tier:

| Activity - Data Interpretation *   | Activity<br>Type      | Tier | Phase | Begin Date |            |  | Staff<br>Responsibl<br>e   |
|--|-----------------------|------|-------|------------|------------|--|--|
| Students will be given instruction in the reading of graphs, analysis of data and many opportunities to practice those skills. | Direct<br>Instruction |      |       | 09/03/2013 | 06/08/2018 |  | Science<br>department<br>teachers<br>and<br>building<br>principal. |

# **Activity Summary by Funding Source**

#### Below is a breakdown of your activities by funding source

#### Title II Part A

| Activity Name               | Activity Description  | Activity<br>Type  | Tier   | Phase     | Begin Date | End Date   | Resource<br>Assigned | Staff<br>Responsible  |
|-----------------------------|---|---|--------|-----------|------------|------------|----------------------|---|
| Professional<br>Development | All Science teachers will participate in professional development activities designed to enhance their knowledge of differentiated instruction. They will engage in activities in conjunction with special education teachers to enhance their skills and understanding in order to differentiate instruction. It will also provide opportunity for teachers to identify individual learning styles and needs. These trainings may include, but are not limited to National Science Conference, MACUL, and RESA training.       | Professiona<br>I Learning   | Tier 1 | Implement | 09/03/2013 | 06/08/2018 | \$5000               | Science<br>Department<br>, Special<br>Education<br>Department                     |
| Professional<br>Development | Teachers will have the opportunity to attend professional development in Social Studies curriculum deveolpment and updates. These opportunities for professional development may include RESA training, special conferences, or other professional opportunities or conferences that may be available.  | Teacher Collaborati on, Curriculum Developme nt, Professiona I Learning, Direct Instruction, Materials, Supplemen tal Materials | Tier 1 | Implement | 09/06/2016 | 06/08/2018 | \$2500               | Social<br>Studies<br>Department   |
| Professional<br>Development | All Mathematics teachers will participate in professional development activities in conjuntion with Special Education teachers. This will allow teachers to enhance their skills and understanding in differentiating instruction. It will also provide opportunity for teachers to identify individual student learning styles and needs. This could include but is not limited to the National Math Conference, MACUL, training at RESA, and other materials to support the Common Core State Standards and Merit Curriculum. | Teacher Collaborati on, Curriculum Developme nt, Technology , Academic Support Program, Materials                               | Tier 1 | Implement | 09/03/2013 | 06/08/2018 | \$3500               | Mathematic<br>s and<br>Special<br>Education<br>teachers,<br>building<br>principal |

Negaunee High School

#### Other

| Activity Name                          | Activity Description   | Activity<br>Type | Tier | Phase | Begin Date |            |        | Staff<br>Responsibl<br>e  |
|--|--|------------------|------|-------|------------|------------|--------|---|
| fiction texts in Énglish<br>curriculum | English classes 9-12 will teach at least one new unit or lesson focusing on non-fiction text: essays, biographies, memoirs, and other informational and persuasive texts. This will likely require the purchase of some classroom sets of non-fiction books. |                  |      |       | 09/03/2013 | 06/08/2018 | \$1000 | English<br>Department<br>teachers<br>and<br>building<br>principal |

#### **General Fund**

| Activity Name                     | Activity Description  | Activity<br>Type   | Tier   | Phase     | Begin Date | End Date   | Resource<br>Assigned | Staff<br>Responsibl<br>e  |
|-----------------------------------|---|--|--------|-----------|------------|------------|----------------------|---|
| Differentiated Lesson             | Teachers will use a variety of techniques and strategies during every unit that address the varying needs of all students.  | Supplemen<br>tal<br>Materials  |        |           | 03/14/2014 | 06/08/2018 | \$500                | Math<br>Teachers  |
| Implement new ELA courses         | In 2015-16 Negaunee High School will offer three new courses in English/Language Arts: Digital Writing, Technical and Report Writing and World Mythology.   | Teacher<br>Collaborati<br>on,<br>Curriculum<br>Developme<br>nt,<br>Technology<br>, Direct<br>Instruction,<br>Materials | Tier 1 | Implement | 09/01/2015 | 06/08/2018 | \$2000               | English<br>Department<br>Staff,<br>Principal                          |
| Professional<br>Development       | Members of the English Department will continue to seek professional development opportunities which may include but not limited to the RESA training, NCTE, NMU Reading / Writing Conference, SAT Prep / MSTEP Prep, and other Professional Development opportunities. | Academic<br>Support<br>Program   | Tier 1 | Implement | 09/09/2016 | 06/08/2018 | \$3000               | Selected<br>members of<br>the High<br>School<br>English<br>Department |
| New Text Books / World<br>History | Purchase of new text books to support updates in Social Studies curriculum.   | Academic<br>Support<br>Program,<br>Direct<br>Instruction,<br>Materials   | Tier 1 | Implement | 09/05/2017 | 06/10/2022 | \$15000              | Social<br>Studies<br>Department                                       |
| SAT Prep                          | SAT Prep 11th Grade Students.   | Academic<br>Support<br>Program   | Tier 1 | Implement | 09/01/2016 | 06/08/2018 | \$0                  | Our<br>Mathematic<br>Department<br>over seen<br>by the<br>Principal.  |

Negaunee High School

| Collaborative Lessons       | Staff will implement one collaborative activity for each unit allowing students to work together. Staff will continue to implement these activities during the 2016 -17 school year, allowing students to work together. | Other  |  | 09/03/2013 | 06/11/2020 | \$600   | Mathematic<br>s<br>Department<br>teachers |
|-----------------------------|--|--|--|------------|------------|---------|---|
| New Geometry Books<br>16-17 | The high school purchased new Geometry books which aligned to the Common Core State Standards.   | Curriculum<br>Developme<br>nt, Direct<br>Instruction,<br>Materials,<br>Supplemen<br>tal<br>Materials |  | 09/06/2016 | 06/17/2022 | \$16000 | Math<br>Department                        |

#### Title I School Improvement (ISI)

| Activity Name                          | Activity Description   | Activity<br>Type   | Tier   | Phase     | Begin Date | End Date   | Resource<br>Assigned | Staff<br>Responsibl<br>e                       |
|--|--|--|--------|-----------|------------|------------|----------------------|--|
| Teacher Training on ELA Strategies     | During the course to the 2016 - 17 school year we will send teachers to MACUL Conference or other professional development opportunities will be made available to them. | Curriculum<br>Developme<br>nt,<br>Professiona<br>I Learning,<br>Technology<br>, Direct<br>Instruction,<br>Supplemen<br>tal<br>Materials      | Tier 1 | Implement | 09/06/2016 | 06/08/2018 | \$5000               | Our English<br>teachers in<br>grades 9-<br>12. |
| Teacher Training on Reading Strategies | Two teachers from our high school will attend the Michigan Reading Conference.   | Curriculum<br>Developme<br>nt,<br>Technology<br>, Academic<br>Support<br>Program,<br>Direct<br>Instruction,<br>Supplemen<br>tal<br>Materials | Tier 1 | Implement | 09/06/2016 | 06/08/2018 | \$3000               | English<br>teachers in<br>grades 9 -<br>12,    |

#### No Funding Required

| Activity Name Activity Description | Activity<br>Type | Tier | Phase | Begin Date | End Date |  | Staff<br>Responsibl<br>e |
|------------------------------------|------------------|------|-------|------------|----------|--|--------------------------|
|------------------------------------|------------------|------|-------|------------|----------|--|--------------------------|

| Direct Instruction in reading comprehension skills | English classes will develop and teach lessons in specific reading comprehension strategies including read-aloud modeling, note-taking, reading journals, fluency, organizational tactics, QAR, and stamina building.        | Direct<br>Instruction  |        | 09/06/2016 | 06/08/2018 | \$0 | English and<br>Special<br>Education<br>teachers<br>and<br>building<br>principal                        |
|--|--|--|--------|------------|------------|-----|--|
| Test Taking Practice                               | Students will take a practice PSAT type test (10 - 15 minute) version once a month prior to taking the actual SAT in their junior year. *  | Other  |        | 09/03/2013 | 06/08/2018 | \$0 | All Science<br>teachers,<br>High<br>School<br>principal  |
| Respect Ownership                                  | Respecting intellectual properties and rights of creators and writers through proper citation and bibliography.  | Direct<br>Instruction  |        | 09/02/2014 | 06/08/2018 | \$0 | Social<br>Studies<br>Instructor  |
| Teacher Training in<br>Sustained Silent<br>Reading | Teachers in all academic departments will be trained at a professional development day in the philosophy, procedures, and practices of a successful SSR program.   | Professiona<br>I Learning  |        | 09/29/2016 | 06/08/2018 | \$0 | All faculty and staff and Negaunee High School. English Department teachers will conduct the training. |
| Establish individual student reading goals         | Each student with the assistance of an English teacher will develop and work toward an individual reading goal/plan for independent reading.   | Direct<br>Instruction  |        | 08/31/2016 | 06/08/2018 | \$0 | English<br>teachers,<br>SSR<br>teachers,<br>building<br>principal                                      |
| Data Interpretation *                              | Students will be given instruction in the reading of graphs, analysis of data and many opportunities to practice those skills.   | Direct<br>Instruction  |        | 09/03/2013 | 06/08/2018 | \$0 | Science<br>department<br>teachers<br>and<br>building<br>principal.                                     |
| Instruction and practice in editing skills         | In English Language Arts courses (9-12) there will be more direct instruction and practice in editing skills with some additional emphasis on rules of punctuation, usage, the language of grammar, sentence structure, etc. | Teacher<br>Collaborati<br>on,<br>Curriculum<br>Developme<br>nt,<br>Professiona<br>I Learning,<br>Direct<br>Instruction | Tier 1 | 09/06/2016 | 06/08/2018 | \$0 | English<br>Department<br>teachers  |

SY 2018-2019

| Introduction to public policy paper                 | A description and grading rubric are handed to students and explained.  | Direct<br>Instruction          |        |           | 09/06/2013 | 06/08/2018 | \$0 | American<br>Governmen<br>t instructor              |
|---|---|--------------------------------|--------|-----------|------------|------------|-----|--|
| Writing four paragraphs on political spectrum       | Students will be taught the four main views of the political spectrum: radical, liberal, conservative, and reactionary. Then students will write a paragraph for each view on their public policy. This will be turned in and evaluated. This assignment is a part of the final paper on the public policy.   | Direct<br>Instruction          |        |           | 10/17/2013 | 06/08/2018 | \$0 | American<br>Governmen<br>t instructor              |
| Analyzing Conflicting Sources                       | Comparing and Contrasting Conflicting Sources   | Technology                     |        |           | 09/02/2014 | 06/08/2018 | \$0 | Social<br>Studies<br>Teacher                       |
| Research and writing a bibliography                 | Students will spend two days in the library researching their policy and then write a bibliography and turned in for evaluation.  | Direct<br>Instruction          |        |           | 09/26/2013 | 06/08/2018 | \$0 | American<br>Governmen<br>t instructor              |
| Identifying sources                                 | Students learn to identify types of sources (primary, secondary tertiary)   | Other                          |        |           | 09/02/2014 | 06/08/2018 | \$0 | World and<br>American<br>History<br>Teachers       |
| Final Policy Paper<br>written and turned in         | After students complete their policy paper, on the due date, students will grade their own paper and then write a five paragraph essay explaining their writing process in writing the policy paper. They will have to answer questions regarding the difficulty of the paper and whether people proofread their paper and what those people said about their paper. This information is stapled to the policy paper and turned in. The instructor then grades the paper using the rubric and students may re-write the paper for a better grade. | Other                          |        |           | 09/03/2013 | 06/08/2018 | \$0 | American<br>Governmen<br>t instructor              |
| World History Essay                                 | World History !0th Grade essay paper on World War I and World War II. This assignment is to write a five paragraph essay on each of this events, with emphasis on comparison and contrast of events that took place from the beginning to the end of each war.  | Direct<br>Instruction          | Tier 2 | Implement | 09/06/2016 | 06/08/2018 | \$0 | Our 10th<br>grade<br>World<br>History<br>teachers. |
| Student Centered<br>Lessons on "Reading<br>Reasons" | Teachers will share with students a variety of lessons during SSR and in English classes to promote, inspire and celebrate reading. Examples of such lessons can be found in Reading Reasons by Kelly Gallagher (Stenhouse Publishers, 2003).   | Academic<br>Support<br>Program |        |           | 09/06/2016 | 06/08/2018 | \$0 | English<br>Department                              |
| Introductory<br>Questionnaire                       | Students complete a questionnaire which helps them think of a policy to write about, do some beginning thinking and research on a policy of their choice.   | Other                          |        |           | 09/19/2013 | 06/08/2018 | \$0 | American<br>Governmen<br>t instructor              |

SY 2018-2019 © 2018 Advance Education, Inc. All rights reserved unless otherwise granted by written agreement.