

SIP 2013-14

Waterford Cyber Academy

Waterford School District

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Overview

Plan Name

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Plan Description

Goals Summary

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

#	Goal Name	Goal Details	Goal Type	Total Funding
1	All students at the Waterford Cyber Academy will meet or exceed state standards for mathematics.	Objectives: 1 Strategies: 2 Activities: 6	Academic	\$0
2	All students at the Waterford Cyber Academy will meet or exceed proficiency standards for social studies.	Objectives: 1 Strategies: 2 Activities: 6	Academic	\$0
3	All students at the Waterford Cyber Academy will meet or exceed standards for proficiency in science.	Objectives: 1 Strategies: 1 Activities: 4	Academic	\$1117

Goal 1: All students at the Waterford Cyber Academy will meet or exceed state standards for mathematics.

Measurable Objective 1:

50% of Eighth grade students will demonstrate a proficiency in skills and concepts in Mathematics by 10/24/2014 as measured by 8th grade students proficiency on the MEAP assessment.

Strategy 1:

S.L.O.T.S. (Sustained Learning Over Time) Professional Development - Teachers will be trained on how to implement S.L.O.T.S. into the curriculum. Staff will create and use a S.L.O.T. activity at least twice a week, and monitor student progress by administering weekly quizzes covering basic facts.

Research Cited: Classroom Instruction That Works: Researched-Base Strategies for Increasing Student Achievement by Robert Marzano

Activity - Teacher Training on S.L.O.T.S.	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Train 3 to 5 math teachers on how to implement S.L.O.T.S. into their curriculum.	Professional Learning	08/06/2013	05/30/2014	\$0	No Funding Required	Maggie Rice, Alex Lollis, Pam McCreery
Activity - Implementation of S.L.O.T.S.	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will implement S.L.O.T.S strategies to increase student ability to perform basic skills in middles school and advanced skills in high school.	Implementation	10/01/2013	05/30/2014	\$0	No Funding Required	Mathematics Teachers, Math Consultant
Activity - Monitor S.L.O.T.S. implementation	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will meet in PLC groups to review student achievement in S.L.O.T.S. targets areas of basic skills. Staff will adjust learning as a result of student data. Administration will meet with PLC groups to review data and for fidelity checks.	Monitor	10/07/2013	05/30/2014	\$0	No Funding Required	Mathematics Staff and Administration

Strategy 2:

Authentic Tasks - Teachers will incorporate district authentic tasks into the online curriculum. Teachers will review available authentic tasks and choose the tasks which best meet student skills and concepts for 8th grade. Teachers will monitor student understanding, provide feedback, and check achievement of tasks through by-weekly assessments.

Research Cited: • Classroom Instruction That Works, 2012 Marzano, Pickering and Pollock

- Visible Learning for teachers, 2012, Hatte
- Classroom Instruction That Works, 2nd Edition, 2012 Dean, Hubble, Pitler and Stone

Activity - Teacher Training on Instructional Strategies with Authentic Tasks	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained on specific strategies to use with their students to increase ability to do real word problems.	Professional Learning	09/16/2013	05/30/2014	\$0	No Funding Required	Math Consultant

Activity - Implemetation of Authentic Tasks Strategies	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will implement strategies for authentic tasks from training.	Implementation	10/01/2013	05/30/2014	\$0	No Funding Required	Mathematics staff.

Activity - Monitor Implementation of Authentic Tasks Strategies	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will meet in PLC groups to review data on student achievement regarding authentic tasks regarding real word problems. Administration will meet with PLC groups to review progress and data.	Monitor	11/04/2013	05/30/2014	\$0	No Funding Required	Mathematics Department and Administration

Goal 2: All students at the Waterford Cyber Academy will meet or exceed proficiency standards for social studies.

Measurable Objective 1:

A 10% increase of All Students will demonstrate a proficiency with concepts and skills in Social Studies by 05/30/2014 as measured by MEAP and MME assessment results.

Strategy 1:

Graphic Organizers - Students will learn how to gather information in text and print to understand important details and facts as they relate to social studies.

Research Cited: Building Literacy in Social Studies 2007 Ogle, Klemp, McBride

Social Studies Worksheets Don't Grow Denrites: 20 Instructional Strategies That Engage the Brain 2012 Marica L. Tate

Yellow Brick Roads, Shared and Guided Paths to Independent reading 4 - 12, 2000, Allen

Activity - Teacher Training on Graphic Organizers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers will be exposed to 2 - 3 content specific graphic organizers to implement in their classrooms.	Getting Ready	09/16/2013	09/16/2013	\$0	No Funding Required	Social Studies department and Curriculum consultant.
Activity - Teacher implementation of Graphic Organizers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will implement graphic organizers into curriculum to increase student understanding of text. Students will use the graphic organizers throughout the year.	Implementation	10/07/2013	05/30/2014	\$0	No Funding Required	Social Studies Department.
Activity - Monitor Implementation of Graphic Organizers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will meet in PLC meetings to review data regarding graphic organizers for content knowledge. Teachers will adjust curriculum as needed. Administration will review data and visit PLC meetings for program fidelity checks.	Monitor	11/04/2013	04/30/2014	\$0	No Funding Required	Social Studies Department and administration .

Strategy 2:

Text Strategies - Teachers will receive training on how to help students understand the importance of text features to build content literacy and capacity. Through specific features, i.e., Bold and Colored Print, Maps and Graphs, student will increase their ability to increase their ability to read content text effectively.

Research Cited: • Building Literacy in Social Studies 2007, Ogle, Klemp, McBride

- Strategies That Work, Teaching Comprehension to Enhance Understanding, 2007, Harvey and Goudvis
- Improving Adolescent Literacy Content Area Strategies at Work, 2011, Fisher and Frey

Activity - Teacher training on Text Features	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Train Social Studies teachers on instructional strategies that focus on bold and colored print, maps, and graphs for content reading.	Professional Learning	10/01/2013	12/06/2013	\$0	No Funding Required	Social Studies Consultant.
Activity - Teacher implementation of Text Features	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will implement and reinforce text feature strategies weekly.	Implementation	10/07/2013	05/30/2014	\$0	No Funding Required	Social Studies department .
Activity - Monitor Implementaiton of Text Features	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

Teachers will meet in PLC meetings to review and discuss implementation of text feature strategies. Teachers will use data to determine success of strategies as well as ways to improve, if needed. Administration will monitor fidelity checks by visiting PLC meetings as well as reviewing assessment data.	Monitor	10/21/2013	04/30/2014	\$0	No Funding Required	Social Studies department and Administration
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Goal 3: All students at the Waterford Cyber Academy will meet or exceed standards for proficiency in science.

Measurable Objective 1:

A 10% increase of All Students will demonstrate a proficiency in skills and concepts in Science by 05/30/2014 as measured by the state MEAP assessment.

Strategy 1:

Staff will read books regarding brain research in learning - Through book readings and teacher led book discussions, staff will gain an understanding of differences in how boys and girls learn and choose strategies to implement in classrooms for effective outcomes in student performance.

Research Cited: • Strategies for Teaching Boys and Girls, 2008, Gurian, Stevens, and King

- Boys and Girls Learn Differently, 2009 Gurian
- Teaching the Female Brain, How Girls Learn Math and Science, 2009, James
- Classroom Instruction That Works, 2012, Marzano

Activity - Staff Book Study	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will read books regarding instruction, brain research, and difference between male and female brain for learning	Professional Learning	06/13/2013	11/25/2013	\$1117	General Fund	Staff, Science Consultant, Administration

Activity - Book Discussion	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will hold book discussions to determine best practice for increasing students proficiency in science.	Professional Learning	12/02/2013	01/20/2014	\$0	No Funding Required	Science Department and Science Consultant

Activity - Teacher implementaiton of Science Strategies	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will implement strategies as determined from book discussions.	Implementation	01/27/2014	05/30/2014	\$0	No Funding Required	Teaching Staff

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Activity - Monitor of strategies for science	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will discuss student achievement data in science PLC meetings. Teachers will modify or enhance instruction and strategies as a result of data monitoring. Administration will visit PLC meetings and review science achievement data.	Monitor	02/10/2014	05/30/2014	\$0	No Funding Required	Science staff, Administration

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Teacher Training on S.L.O.T.S.	Train 3 to 5 math teachers on how to implement S.L.O.T.S. into their curriculum.	Professional Learning	08/06/2013	05/30/2014	\$0	Maggie Rice, Alex Lollis, Pam McCreery
Monitor Implementation of Authentic Tasks Strategies	Teachers will meet in PLC groups to review data on student achievement regarding authentic tasks regarding real word problems. Administration will meet with PLC groups to review progress and data.	Monitor	11/04/2013	05/30/2014	\$0	Mathematics Department and Administration
Implementation of S.L.O.T.S.	Teachers will implement S.L.O.T.S strategies to increase student ability to perform basic skills in middles school and advanced skills in high school.	Implementation	10/01/2013	05/30/2014	\$0	Mathematics Teachers, Math Consultant
Teacher training on Text Features	Train Social Studies teachers on instructional strategies that focus on bold and colored print, maps, and graphs for content reading.	Professional Learning	10/01/2013	12/06/2013	\$0	Social Studies Consultant.
Teacher implementation of Graphic Organizers	Teachers will implement graphic organizers into curriculum to increase student understanding of text. Students will use the graphic organizers throughout the year.	Implementation	10/07/2013	05/30/2014	\$0	Social Studies Department.
Monitor Implementation of Graphic Organizers	Teachers will meet in PLC meetings to review data regarding graphic organizers for content knowledge. Teachers will adjust curriculum as needed. Administration will review data and visit PLC meetings for program fidelity checks.	Monitor	11/04/2013	04/30/2014	\$0	Social Studies Department and administration
Monitor of strategies for science	Teachers will discuss student achievement data in science PLC meetings. Teachers will modify or enhance instruction and strategies as a result of data monitoring. Administration will visit PLC meetings and review science achievement data.	Monitor	02/10/2014	05/30/2014	\$0	Science staff, Administration
Teacher Training on Graphic Organizers	Teachers will be exposed to 2 - 3 content specific graphic organizers to implement in their classrooms.	Getting Ready	09/16/2013	09/16/2013	\$0	Social Studies department and Curriculum consultant.
Teacher implementation of Text Features	Teachers will implement and reinforce text feature strategies weekly.	Implementation	10/07/2013	05/30/2014	\$0	Social Studies department

Monitor Implementaiton of Text Features	Teachers will meet in PLC meetings to review and discuss implementation of text feature strategies. Teachers will use data to determine success of strategies as well as ways to improve, if needed. Administration will monitor fidelity checks by visiting PLC meetings as well as reviewing assessment data.	Monitor	10/21/2013	04/30/2014	\$0	Social Studies department and Administration
Teacher implementaiton of Science Strategies	Teachers will implement strategies as determined from book discussions.	Implementation	01/27/2014	05/30/2014	\$0	Teaching Staff
Monitor S.L.O.T.S. implementation	Staff will meet in PLC groups to review student achievement in S.L.O.T.S. targets areas of basic skills. Staff will adjust learning as a result of student data. Administration will meet with PLC groups to review data and for fidelity checks.	Monitor	10/07/2013	05/30/2014	\$0	Mathematics Staff and Administration
Implemetation of Authentic Tasks Strategies	Teachers will implement strategies for authentic tasks from training.	Implementation	10/01/2013	05/30/2014	\$0	Mathematics staff.
Teacher Training on Instructional Strategies with Authentic Tasks	Teachers will be trained on specific strategies to use with their students to increase ability to do real word problems.	Professional Learning	09/16/2013	05/30/2014	\$0	Math Consultant
Book Discussion	Staff will hold book discussions to determine best practice for increasing students proficiency in science.	Professional Learning	12/02/2013	01/20/2014	\$0	Science Department and Science Consultant
Total					\$0	

General Fund

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Staff Book Study	Staff will read books regarding instruction, brain research, and difference between male and female brain for learning	Professional Learning	06/13/2013	11/25/2013	\$1117	Staff, Science Consultant, Administration
Total					\$1117	