



# **School Improvement Plan**

**H.H. Dow High School**

**Midland Public Schools**

Dr. Steve Poole  
3901 North Saginaw Rd  
Midland, MI 48640-2315

# TABLE OF CONTENTS

Introduction .....	1
<b>Improvement Plan Assurance</b>	
Introduction .....	3
Improvement Plan Assurance .....	4
<b>2017-2018 Plan for School Improvement Plan</b>	
Overview .....	6
Goals Summary .....	7
Goal 1: 85% of students at H.H. Dow High School will be proficient in English Language Arts.....	8
Goal 2: 85% of students at H.H. Dow High School will be proficient in Social Studies.....	12
Goal 3: 85% of students at H.H. Dow High School will be proficient in Science.....	14
Goal 4: 85% of students at H.H. Dow High School will be proficient at Math.....	17
Goal 5: H. H. Dow High School will achieve all five levels of the Marzano High Reliability Schools framework.....	19
Activity Summary by Funding Source .....	21

## **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**

<b>Label</b>	<b>Assurance</b>	<b>Response</b>	<b>Comment</b>	<b>Attachment</b>
1.	Which option was chosen for Goals and Plans?	Goals and Plans in ASSIST	See Goals and Plans in ASSIST	

# **2017-2018 Plan for School Improvement Plan**

## **Overview**

### **Plan Name**

2017-2018 Plan for School Improvement Plan

### **Plan Description**



## Goals Summary

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

#	Goal Name	Goal Details	Goal Type	Total Funding
1	85% of students at H.H. Dow High School will be proficient in English Language Arts.	Objectives: 2 Strategies: 7 Activities: 9	Academic	\$29698
2	85% of students at H.H. Dow High School will be proficient in Social Studies.	Objectives: 2 Strategies: 2 Activities: 3	Academic	\$19000
3	85% of students at H.H. Dow High School will be proficient in Science.	Objectives: 2 Strategies: 2 Activities: 5	Academic	\$34925
4	85% of students at H.H. Dow High School will be proficient at Math.	Objectives: 2 Strategies: 3 Activities: 5	Academic	\$22100
5	H. H. Dow High School will achieve all five levels of the Marzano High Reliability Schools framework.	Objectives: 1 Strategies: 2 Activities: 4	Organizational	\$23425

## Goal 1: 85% of students at H.H. Dow High School will be proficient in English Language Arts.

### Measurable Objective 1:

82% of Eleventh grade students will demonstrate a proficiency in reading in English Language Arts by 06/15/2018 as measured by Michigan Merit Exam.

### Strategy 1:

Building Instructional Capacity - ELA teachers will build their skill set in engagement, reading, writing and general instructional methodology to improve student performance.

Category: English/Language Arts

Research Cited: "The Art and Science of Teaching" by Robert Marzano

"Instructional Rounds in Education" by City, Elmore, Fiarman and Teitel

"Leading Instructional Rounds in Education" by Thomas Fowler-Finn

Tier:

Activity - Professional development in reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will participate in Professional Learning Communities focused on improving their skill set in engagement, reading, writing and general instructional methodology to improve student performance.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$1000	General Fund	ELA department members and Administration.
Activity - Instructional Rounds	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All English teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$1000	General Fund	Administrators, teachers, and staff
Activity - Collaborative Instruction for English	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

## School Improvement Plan

H.H. Dow High School

<p>ELA teachers are scheduling with purpose ALL ninth grade students in the same-leveled course. This intentional scheduling will lead to student success for ALL ninth graders. During the school year, this same group of teachers will have additional time to continue this work, monitor progress and attend professional learning experiences on related topics. The ELA teacher leader and building administration will support this initiative and monitor progress throughout the process.</p>	<p>Academic Support Program</p>	<p>Tier 2</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/15/2018</p>	<p>\$7448</p>	<p>Title II Part A</p>	<p>ELA department, ELA teacher leader, and building administrators will support this initiative. Estimates indicate there will be four general education and two special education teachers teaching English 9.3 during the 2017-2018 school year.</p>
---	---------------------------------	---------------	------------------	-------------------	-------------------	---------------	------------------------	--

### Strategy 2:

Enhancing Inquiry Instruction - Inquiry instruction will improve student investment by allowing student questions to guide content delivery and exploration.

Category: English/Language Arts

Research Cited: Research shows that the amount of student learning that occurs in a classroom is directly proportional to the quality and quantity of student involvement in the educational program (Cooper and Prescott 1989). Yet, research studies indicate that teachers typically dominate classroom conversation, consuming nearly 70% of classroom time. Inquiry-based instructional approaches reverse this trend, placing students at the helm of the learning process and teachers in the role of learning facilitator, coach, and modeler.

Tier: Tier 1

Activity - Teacher Training on 5D+ Assessment, Curriculum & Pedagogy	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators trained in 5D+ have provided training and feedback to teachers in the Assessment, Curriculum &amp; Pedagogy Domains. This will support teachers as they progress through the indicators of the rubric.</p>	<p>Teacher Collaboration</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/05/2017</p>	<p>06/15/2018</p>	<p>\$1000</p>	<p>General Fund</p>	<p>Administrators and Staff</p>

### Strategy 3:

Talk to the Text - Students will be exposed to curricular text where they will learn strategies for reading and talking to the text.

**School Improvement Plan**

H.H. Dow High School

Category: English/Language Arts

Tier: Tier 1

Activity - Instructional Strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
ELA teachers will provide instruction to all students in the areas of conventions, ideas, voice, word choice, sentence fluency and presentation.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/15/2018	\$1000	General Fund	All ELA Staff, ELA Teacher Leader, Principal

**Measurable Objective 2:**

100% of Students with Disabilities students will increase student growth of content in English Language Arts by 06/15/2018 as measured by Michigan Merit Exam.

**Strategy 1:**

Reading Comprehension - Assessment will be used to guide classroom interventions to increase reading comprehension

Category: English/Language Arts

Research Cited: Reading for Understanding: Toward an R&D Program in Reading Comprehension, RAND Reading Study Group, 2002, p.

11). Wayman, 2005; Wayman, Cho, & Johnston, 2007; Wohlstetter, Datnow, & Park, 2008. Hamilton et al., 2009

Tier: Tier 1

Activity - RAISE/RAD/CLOSE Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
------------------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

**School Improvement Plan**

H.H. Dow High School

Students will be guided in the use of Close Reading Strategies.	Direct Instruction	Tier 1	Implement	09/05/2017	06/15/2018	\$0	Other	Three teachers will be trained in RAD through a grant. They will join others who completed the RAISE training and those who have had similar training in Close reading to systematically integrate these skills into our classrooms.
---	--------------------	--------	-----------	------------	------------	-----	-------	--

**Strategy 2:**

Cotaught ELA classes - Some students with disabilities will be enrolled in cotaught classes where instruction is intensified by the presence of two teachers.

Category: English/Language Arts

Research Cited: NICHCY Research

Tier: Tier 3

Activity - Six Models of Coteaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Coteachers will implement six models of coteaching: one teach, one observe, one teach, one assist alternative teaching; parallel teaching, station teaching and team teaching.	Academic Support Program	Tier 1	Implement	09/05/2017	06/15/2018	\$18000	Title II Part A	Special Services Supervisor and coteaching teams

**Strategy 3:**

ELA Support - Students with an Individualized Education Plan identified as struggling with written expression will receive supplemental support and instruction through an intensive writing class in conjunction with a cotaught grade level ELA course.

Category: English/Language Arts

## School Improvement Plan

H.H. Dow High School

Research Cited: Based on Teaching Expressive Writing To Students With Learning Disabilities: A Meta-Analysis by Russell Gersten and Scott Baker, 1999. Students with Learning Disabilities and the Process of Writing: A Meta-Analysis of SRSD Studies

Author | Graham, S., & Harris, K. R. Source | In H. L. Swanson, K. R. Harris, & S. Graham (Eds.), Handbook of learning disabilities (pp. 323-344). New York: Guilford Press. Year Published | 2003

Tier: Tier 3

Activity - Writing Acceleration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identify students with an IEP for written expression to enroll in Writing Acceleration course to support their learning in English 9 Accelerated. Special education teachers will attend professional development sessions with general education teachers in order to identify strategies to best support student learning.	Academic Support Program	Tier 3	Implement	09/05/2017	06/15/2018	\$0	No Funding Required	Special Services Supervisor and Special Education Teachers

### Strategy 4:

Reading Fluency Intervention - Students will be given targeted instruction using the 6 Minute Solution model. This timed reading strategy will provide fluency practice and encourage reading grade-level increase.

Category: Learning Support Systems

Research Cited: National Reading Panel 2000, Florida Center for Reading Research

Tier: Tier 2

Activity - Six-Minute Solution	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students in 9th and 11th grades will preview and read texts with peers 3-5 times per week in timed increments and track progress.	Academic Support Program	Tier 3	Monitor	09/05/2017	06/15/2018	\$250	Special Education	Special Education Teachers, General Education Co-Teachers, Special Services Supervisor, Principal

**Goal 2: 85% of students at H.H. Dow High School will be proficient in Social Studies.**

## School Improvement Plan

H.H. Dow High School

### Measurable Objective 1:

71% of Eleventh grade students will demonstrate a proficiency of content standards in Social Studies by 06/15/2018 as measured by Michigan Merit Exam.

### Strategy 1:

Building Instructional Capacity - Social Studies teachers will build their skill sets in engagement, reading, writing and general instructional methodology to improve student Social Studies performance.

Category: Social Studies

Research Cited: National Reading Panel 2000

"Building Background Knowledge for Academic Achievement: Research on What Works in Schools" by Robert Marzano

"The Art and Science of Teaching" by Robert Marzano

"Instructional Rounds in Education" by City, Elmore, Fiarman and Teitel

"Leading Instructional Rounds in Education" by Thomas Fowler-Finn

Tier: Tier 1

Activity - Instructional Rounds	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All Social Studies teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$1000	General Fund	Social Studies Teacher Leader, Social Studies Curriculum Specialist, Building Principal, Building Leadership Team, Instructional Rounds Team, General and Special Education teachers

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

## School Improvement Plan

H.H. Dow High School

Teachers will collaborate with colleagues to develop formative activities and assessments to guide instruction. Development will take place both in District-level Professional Development sessions and Building-level Department meetings. Formative assessment tools, utilizing a common departmental vocabulary, will be created both within specific courses and across courses in Social Studies. Summative assessments will, logically, follow in development. Essential Standards will be identified, focused, and integrated into the scope and sequence of the assessment process in each course.	Supplemental Materials	Tier 1	Getting Ready	09/05/2017	06/15/2018	\$0	No Funding Required	Social Studies Teacher Leader
---	------------------------	--------	---------------	------------	------------	-----	---------------------	-------------------------------

### Measurable Objective 2:

100% of Students with Disabilities students will increase student growth of content standards in Social Studies by 06/15/2018 as measured by the Michigan Merit Exam.

### Strategy 1:

Cotaught Social Studies Classes - Students with disabilities will be enrolled in co-taught classes where instruction is intensified by the presence of two teachers; one special education teacher to focus on instructional delivery and one general education teacher to focus on content proficiency.

Category: Social Studies

Research Cited: NICHCY Research

Tier: Tier 1

Activity - Six Models of Coteaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Coteachers will demonstrate the six different models of co-teaching: One teach, one observe; one teach, one assist; alternative teaching; parallel teaching; station teaching; and team teaching.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/15/2018	\$18000	Title II Part A	Special Education teachers, General Education teachers, Special Services Supervisor, Building Principals

## Goal 3: 85% of students at H.H. Dow High School will be proficient in Science.

### Measurable Objective 1:

66% of Eleventh grade students will demonstrate a proficiency in content expectations in Science by 06/15/2018 as measured by the Michigan Merit Examination..



## School Improvement Plan

H.H. Dow High School

### Strategy 1:

Building Instructional Capacity - Science teachers will build their skill set in engagement, reading, writing and general instructional methodology to improve student Science performance.

Category: Science

Research Cited: National Reading Panel

Classroom Instruction that Works, Marzano, 2001

"The Art and Science of Teaching" by Robert Marzano

"Instructional Rounds in Education" by City, Elmore, Fiarman and Teitel

"Leading Instructional Rounds in Education" by Thomas Fowler-Finn

Tier: Tier 1

Activity - Instructional Rounds	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All Science teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$500	Title II Part A	Instructional staff; special education teachers, instructional rounds teacher, Administrative staff

Activity - Create Essential Standards & Create Learning Goals	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Establish essential standards and learning goals for each curricular area of science.	Curriculum Development	Tier 1	Getting Ready	09/05/2017	06/15/2018	\$16425	Title II Part A	science teachers, special education teachers, administration

### Measurable Objective 2:

100% of Students with Disabilities students will increase student growth in content standards in Science by 06/15/2018 as measured by the Michigan Merit Exam.

### Strategy 1:

Cotaught Science Classes - Students with disabilities will be enrolled in cotaught classes where instruction is intensified by the presence of two teachers; one special education teacher will focus on instructional delivery and one general education teacher will focus on content proficiency.

Category: Science

SY 2017-2018

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

## School Improvement Plan

H.H. Dow High School

Research Cited: NICHCY Research

Tier: Tier 1

Activity - Six Models of Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Co-teachers will implement the six different models of co-teaching: One teach, one observe; one teach, one assist; alternative teaching; parallel teaching; station teaching; and team teaching.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/15/2018	\$18000	Title II Part A	Special Education teachers, General Education teachers, Special Services Supervisor, Building Principals
Activity - Cross Curricular Writing	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Science teachers and special educators will collaborate to identify ways to embed opportunities for writing into lesson plans to improve content mastery through writing.	Curriculum Development	Tier 1	Monitor	09/05/2017	06/15/2018	\$0	Title II Part A	General Educator teachers, Special Education teachers, Special Services Supervisor, Building Principals
Activity - Vocabulary Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Science teachers will identify and assess key vocabulary terms to improve comprehension of the science curriculum.	Curriculum Development	Tier 1	Implement	09/05/2017	06/15/2018	\$0	Title II Part A	Science general education teachers, special education teachers, Special Services Supervisor, Building Principals

## Goal 4: 85% of students at H.H. Dow High School will be proficient at Math.

### Measurable Objective 1:

75% of Eleventh grade students will demonstrate a proficiency of content standards in Mathematics by 06/15/2018 as measured by Michigan Merit Exam.

### Strategy 1:

Building instructional capacity - Math teachers will build their skill set in engagement, reading, writing and general instructional methodology to improve student math performance.

Category: Mathematics

Research Cited: "Classroom Instruction that Works", Marzano, 2001

"The Art and Science of Teaching" by Robert Marzano

"Instructional Rounds in Education" by City, Elmore, Fiarman and Teitel

"Leading Instructional Rounds in Education" by Thomas Fowler-Finn

Professional Standards for Teaching Mathematics, National Council of Teachers of Mathematics, 1991

Tier: Tier 1

Activity - Instructional Rounds	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Math teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$2500	Title II Part A, School Improvement Grant (SIG)	Math Curriculum Specialist Teacher Leader Math Teachers Instructional Rounds Team

Activity - Vocabulary Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Math PLC will focus on vocabulary in each Math Curricular area. Intentional efforts to emphasize content specific vocabulary in ways discussed in Vocabulary for the Common Core by Marzano and Simms.	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/15/2018	\$1000	General Fund	Math department, Special Education co-teachers

### Strategy 2:

Inquiry Style Instruction - Inquiry instruction will improve student investment by allowing student questions to guide content delivery and exploration.

## School Improvement Plan

H.H. Dow High School

Category: Mathematics

Research Cited: Research shows that the amount of student learning that occurs in a classroom is directly proportional to the quality and quantity of student involvement in the educational program (Cooper and Prescott 1989). Yet research studies indicate that teachers typically dominate classroom conversation, consuming nearly 70% of classroom time. Inquiry-based instructional approaches reverse this trend, placing students at the helm of the learning process and teachers in the role of learning facilitator, coach, and modeler.

Tier: Tier 1

Activity - Teacher Training on 5D+	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators trained in 5D+ have provided training and feedback to teachers in the Curriculum & Pedagogy and Assessment Domain. This will support teachers as they progress through the indicators of the rubric.	Teacher Collaboration	Tier 1	Implement	09/05/2017	06/15/2018	\$0	General Fund	Administrators, staff and teachers

### Measurable Objective 2:

100% of Students with Disabilities students will demonstrate a proficiency of content standards in Mathematics by 06/15/2018 as measured by the Michigan Merit Exam.

### Strategy 1:

Co-teaching and Math labs - Students with disabilities will have access to a co-taught mathematics course and math lab to support their individual math skill deficiencies.

Category: Mathematics

Research Cited: Empowered High Schools, 2010

Curriculum Instruction that Works, Marzano, 2001

Curriculum Focal Points, National Council of Teachers of Mathematics, 2006

Professional Standards for Teaching Mathematics, National Council of Teachers of Mathematics, 1991

The Differentiated Math Classroom, Murray & Jorgeson, 2007

Tier: Tier 2

Activity - Teacher Collaboration for Integrated Mathematics Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Integrated and math lab teachers will have time to get together and discuss strategies to increase student proficiency.	Professional Learning	Tier 1	Evaluate	09/05/2017	06/15/2018	\$600	School Improvement Grant (SIG)	Math Teacher Leader Math Teachers Special Education Teachers

## School Improvement Plan

H.H. Dow High School

Activity - Six Models of Coteaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Coteachers will implement the six models of coteaching: One teach, one observe; one teach, one assist; alternative teaching; parallel teaching; station teaching; and team teaching.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/15/2018	\$18000	Title II Part A	Special education teachers, general education teachers, Special Services Supervisor, Principal

## Goal 5: H. H. Dow High School will achieve all five levels of the Marzano High Reliability Schools framework.

### Measurable Objective 1:

demonstrate a proficiency by achieving a 3.6 average, or greater, by 06/15/2018 as measured by the HRS Level 3 stakeholder surveys..

### Strategy 1:

Communication of HRS framework - The strategy will educate all stakeholders regarding the HRS system, requirements and methodologies.

Category: School Culture

Research Cited: A handbook for High Reliability Schools by Marzano et.al. 2014

Tier: Tier 1

Activity - Monthly Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will collaborate to interpret and understand and implement the HRS characteristics, methodologies and assessments.	Professional Learning, Teacher Collaboration	Tier 1	Implement	09/05/2017	06/15/2018	\$6000	General Fund	H. H. Dow leadership team

Activity - Parent Programs	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
----------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

## School Improvement Plan

H.H. Dow High School

Parents will be provided an informational presentation to explain the HRS framework and school goals. This will lead into Town Hall meetings held once per semester	Parent Involvement, Community Engagement	Tier 1	Implement	09/05/2017	06/15/2018	\$500	Other	H. H. Dow leadership team
---	--	--------	-----------	------------	------------	-------	-------	---------------------------

Activity - Student communication meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Student leadership representatives will meet with the building principal to understand and implement the HRS model. Student leaders will also meet with their fellow students regarding the HRS system, in contrived classroom discussions.	Other	Tier 1	Implement	09/05/2017	06/15/2018	\$500	Other	H. H. Dow leadership team and student leadership

### Strategy 2:

Assessment or Proficiency Scales - All core departments will work on common assessments and or proficiency scales for required core classes. Proficiency scales will be modeled after Marzano's work and supports level 3 of HRS.

Category: Other - Instructional - All Cores

Research Cited: Marzano, Warrick, Simms. The Handbook for High Reliability Schools. 2014

Robert Marzano. Classroom Assessment and Grading That Work. 2006

Robert Marzano. Formative Assessment and Standards-Based Grading. 2009

Tier: Tier 1

Activity - Assessment or Proficiency Scales	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers within the department will collaborate in developing common assessments and proficiency scales in required courses so that all students understand the success criteria and level of understanding they need to have to demonstrate their learning.	Curriculum Development	Tier 1	Getting Ready	07/03/2017	06/15/2018	\$16425	Title II Part A	Team leaders, principal

## Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

### School Improvement Grant (SIG)

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Instructional Rounds	Math teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$2000	Math Curriculum Specialist Teacher Leader Math Teachers Instructional Rounds Team
Teacher Collaboration for Integrated Mathematics Instruction	Integrated and math lab teachers will have time to get together and discuss strategies to increase student proficiency.	Professional Learning	Tier 1	Evaluate	09/05/2017	06/15/2018	\$600	Math Teacher Leader Math Teachers Special Education Teachers

### General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Teacher Training on 5D+	Administrators trained in 5D+ have provided training and feedback to teachers in the Curriculum & Pedagogy and Assessment Domain. This will support teachers as they progress through the indicators of the rubric.	Teacher Collaboration	Tier 1	Implement	09/05/2017	06/15/2018	\$0	Administrators, staff and teachers
Vocabulary Development	Math PLC will focus on vocabulary in each Math Curricular area. Intentional efforts to emphasize content specific vocabulary in ways discussed in Vocabulary for the Common Core by Marzano and Simms.	Direct Instruction	Tier 1	Getting Ready	09/05/2017	06/15/2018	\$1000	Math department, Special Education co-teachers

## School Improvement Plan

H.H. Dow High School

Instructional Strategies	ELA teachers will provide instruction to all students in the areas of conventions, ideas, voice, word choice, sentence fluency and presentation.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/15/2018	\$1000	All ELA Staff, ELA Teacher Leader, Principal
Instructional Rounds	All Social Studies teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$1000	Social Studies Teacher Leader, Social Studies Curriculum Specialist, Building Principal, Building Leadership Team, Instructional Rounds Team, General and Special Education teachers
Teacher Training on 5D+ Assessment, Curriculum & Pedagogy	Administrators trained in 5D+ have provided training and feedback to teachers in the Assessment, Curriculum & Pedagogy Domains. This will support teachers as they progress through the indicators of the rubric.	Teacher Collaboration	Tier 1	Implement	09/05/2017	06/15/2018	\$1000	Administrators and Staff
Monthly Professional Development	Staff will collaborate to interpret and understand and implement the HRS characteristics, methodologies and assessments.	Professional Learning, Teacher Collaboration	Tier 1	Implement	09/05/2017	06/15/2018	\$6000	H. H. Dow leadership team
Instructional Rounds	All English teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$1000	Administrators, teachers, and staff
Professional development in reading	Teachers will participate in Professional Learning Communities focused on improving their skill set in engagement, reading, writing and general instructional methodology to improve student performance.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$1000	ELA department members and Administration.



## School Improvement Plan

H.H. Dow High School

### Other

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Parent Programs	Parents will be provided an informational presentation to explain the HRS framework and school goals. This will lead into Town Hall meetings held once per semester	Parent Involvement, Community Engagement	Tier 1	Implement	09/05/2017	06/15/2018	\$500	H. H. Dow leadership team
RAISE/RAD/CLOSE Reading	Students will be guided in the use of Close Reading Strategies.	Direct Instruction	Tier 1	Implement	09/05/2017	06/15/2018	\$0	Three teachers will be trained in RAD through a grant. They will join others who completed the RAISE training and those who have had similar training in Close reading to systematically integrate these skills into our classrooms.
Student communication meetings	Student leadership representatives will meet with the building principal to understand and implement the HRS model. Student leaders will also meet with their fellow students regarding the HRS system, in contrived classroom discussions.	Other	Tier 1	Implement	09/05/2017	06/15/2018	\$500	H. H. Dow leadership team and student leadership

### Special Education

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

## School Improvement Plan

H.H. Dow High School

Six-Minute Solution	Students in 9th and 11th grades will preview and read texts with peers 3-5 times per week in timed increments and track progress.	Academic Support Program	Tier 3	Monitor	09/05/2017	06/15/2018	\$250	Special Education Teachers, General Education Co-Teachers, Special Services Supervisor, Principal
---------------------	---	--------------------------	--------	---------	------------	------------	-------	---

### Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Instructional Rounds	All Science teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$500	Instructional staff; special education teachers, instructional rounds teacher, Administrative staff
Six Models of Coteaching	Coteachers will implement the six models of coteaching: One teach, one observe; one teach, one assist; alternative teaching; parallel teaching; station teaching; and team teaching.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/15/2018	\$18000	Special education teachers, general education teachers, Special Services Supervisor, Principal
Six Models of Coteaching	Coteachers will demonstrate the six different models of co-teaching: One teach, one observe; one teach, one assist; alternative teaching; parallel teaching; station teaching; and team teaching.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/15/2018	\$18000	Special Education teachers, General Education teachers, Special Services Supervisor, Building Principals

## School Improvement Plan

H.H. Dow High School

Cross Curricular Writing	Science teachers and special educators will collaborate to identify ways to embed opportunities for writing into lesson plans to improve content mastery through writing.	Curriculum Development	Tier 1	Monitor	09/05/2017	06/15/2018	\$0	General Educator teachers, Special Education teachers, Special Services Supervisor, Building Principals
Six Models of Co-Teaching	Co-teachers will implement the six different models of co-teaching: One teach, one observe; one teach, one assist; alternative teaching; parallel teaching; station teaching; and team teaching.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/15/2018	\$18000	Special Education teachers, General Education teachers, Special Services Supervisor, Building Principals
Six Models of Coteaching	Coteachers will implement six models of coteaching: one teach, one observe, one teach, one assist alternative teaching; parallel teaching, station teaching and team teaching.	Academic Support Program	Tier 1	Implement	09/05/2017	06/15/2018	\$18000	Special Services Supervisor and coteaching teams

## School Improvement Plan

H.H. Dow High School

Collaborative Instruction for English	<p>ELA teachers are scheduling with purpose ALL ninth grade students in the same-leveled course. This intentional scheduling will lead to student success for ALL ninth graders. During the school year, this same group of teachers will have additional time to continue this work, monitor progress and attend professional learning experiences on related topics. The ELA teacher leader and building administration will support this initiative and monitor progress throughout the process.</p>	Academic Support Program	Tier 2	Implement	09/05/2017	06/15/2018	\$7448	<p>ELA department, ELA teacher leader, and building administrators will support this initiative. Estimates indicate there will be four general education and two special education teachers teaching English 9.3 during the 2017-2018 school year.</p>
Vocabulary Development	<p>Science teachers will identify and assess key vocabulary terms to improve comprehension of the science curriculum.</p>	Curriculum Development	Tier 1	Implement	09/05/2017	06/15/2018	\$0	<p>Science general education teachers, special education teachers, Special Services Supervisor, Building Principals</p>
Assessment or Proficiency Scales	<p>Teachers within the department will collaborate in developing common assessments and proficiency scales in required courses so that all students understand the success criteria and level of understanding they need to have to demonstrate their learning.</p>	Curriculum Development	Tier 1	Getting Ready	07/03/2017	06/15/2018	\$16425	<p>Team leaders, principal</p>

## School Improvement Plan

H.H. Dow High School

Instructional Rounds	Math teachers have the opportunity to observe colleagues who model best practice teaching strategies and in turn implement similar strategies in their own classrooms, enhancing professional effectiveness to improve student learning.	Professional Learning	Tier 1	Implement	09/05/2017	06/15/2018	\$500	Math Curriculum Specialist Teacher Leader Math Teachers Instructional Rounds Team
Create Essential Standards & Create Learning Goals	Establish essential standards and learning goals for each curricular area of science.	Curriculum Development	Tier 1	Getting Ready	09/05/2017	06/15/2018	\$16425	science teachers, special education teachers, administration

### No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Enhance Curriculum Instruction	Teachers will collaborate with colleagues to develop formative activities and assessments to guide instruction. Development will take place both in District-level Professional Development sessions and Building-level Department meetings. Formative assessment tools, utilizing a common departmental vocabulary, will be created both within specific courses and across courses in Social Studies. Summative assessments will, logically, follow in development. Essential Standards will be identified, focused, and integrated into the scope and sequence of the assessment process in each course.	Supplemental Materials	Tier 1	Getting Ready	09/05/2017	06/15/2018	\$0	Social Studies Teacher Leader
Writing Acceleration	Identify students with an IEP for written expression to enroll in Writing Acceleration course to support their learning in English 9 Accelerated. Special education teachers will attend professional development sessions with general education teachers in order to identify strategies to best support student learning.	Academic Support Program	Tier 3	Implement	09/05/2017	06/15/2018	\$0	Special Services Supervisor and Special Education Teachers