

# **Arrowwood Elementary School**

## **Improvement Plan 2017-2018**

Arrowwood Elementary School  
Saginaw Township Community Schools

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## **Overview**

### **Plan Name**

Arrowwood Elementary School Improvement Plan 2017-2018

### **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 Arrowwood Elementary will be proficient in their Social Skills.	Objectives: 1 Strategies: 4 Activities: 6	Academic	\$5250
2	All students at Arrowwood Elementary will be proficient in Mathematics.	Objectives: 1 Strategies: 4 Activities: 8	Academic	\$9960
3	All students at Arrowwood Elementary will be proficient in English Language Arts.	Objectives: 1 Strategies: 4 Activities: 10	Academic	\$6050

## Goal 1: All students at Arrowwood Elementary will be proficient in their Social Skills.

### Measurable Objective 1:

A 10% increase of Third, Fourth and Fifth grade Economically Disadvantaged students will demonstrate a behavior that will allow them to be successful in Practical Living by 06/14/2018 as measured by the evidence of documented student formative and summative data, office behavior referrals, and teacher observations and walk-throughs..

### Strategy 1:

Transforming School Culture - Professional Learning to Address Achievement Gaps/Challenges - All staff will collaborate to develop a 3-5 common vision, understanding of, and expectations for student academic and personal growth progress and of students coming from low-socioeconomic and McKinty Vinto households; and shift our systemic practices from a focus on teaching to a focus of understanding.

Category: School Culture

Research Cited: Jensen, Eric. Teaching With Poverty in Mind: What Being Poor Does to Kids' Brains and What Schools Can Do About It. ASCD, 2005.

Muhammad, Anthony. Transforming School Culture: How to Overcome Staff Division. Solution Tree Press, 2009.

Tier: Tier 1

Activity - Poverty on the Brain Book Study	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All Staff will participate in the application of research based engagement strategies found in the book "Teaching With Poverty in Mind: What Being Poor Does to Kids' Brains and What Schools Can Do About It."	Professional Learning	Tier 1	Implement	09/05/2017	06/14/2018	\$1000	Title II Part A	Principal and Classroom Teachers.
Activity - Mobile Awards	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Arrowwood staff will give out "mobile awards" trophies symbolizing prowess in one of four areas: leadership, curriculum, child advocacy, and creativity. The awards will be originally distributed by the principal, and the recipients will keep and display their awards for one month. At the next staff meeting, the winners will pass the honor on to a fellow staff member whom they observed exhibiting the quality that the award recognized.	Teacher Collaboration	Tier 1	Monitor	09/05/2017	06/14/2018	\$0	No Funding Required	Principal, Classroom Teachers.

### Strategy 2:

Great Expectations - Evidence/Research-based Instruction for All Students - Arrowwood will implement a school wide PBIS Model- Great Expectations. This program provides teachers and administrators with the skills needed to create harmony and excitement within the school atmosphere, elements that are basic for inspiring students to pursue academic excellence.

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Category: School Culture

Research Cited: Great Expectations. Great Expectations: Training and Professional Growth. Great Expectations.

[www.greatexpectations.org/Websites/greatexpectations/images/pdf/O.2013.27May2016.pdf](http://www.greatexpectations.org/Websites/greatexpectations/images/pdf/O.2013.27May2016.pdf)

Southwestern Educational Development Laboratory. "SEDL Research Study." <http://www.greatexpectations.org/sedl-research-study>. Great Expectations, 2006. 27 May 2016.

Tier: Tier 1

Activity - Great Expectations	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All Arrowwood staff members will be trained in Great Expectations. During the 2017-2018 school year, any remaining staff will have Great Expectations training. All teachers will incorporate the 17 Life Principles information in their daily lesson plan.	Professional Learning	Tier 1	Getting Ready	09/05/2017	06/14/2018	\$2750	Title II Part A	Principal, Teachers, Literacy Numeracy Specialists, Lunch and Office Staff

### Strategy 3:

Character Education - Multi-tiered System of Supports (Tiers 2 & 3) Arrowwood will focus on teaching appropriate emotional states as life skills (e.g. honor, patience, forgiveness and empathy, cooperation, trust, shame, and humility); one per month.

Category: School Culture

Research Cited: Muhammad, Anthony. Transforming School Culture: How to Overcome Staff Division. Solution Tree Press, 2009.

Jensen, Eric. 10 Most Effective Tips For Using Brain-Based Teaching & Learning. Brain Based Learning, March 2014. May 2016.

Tier: Tier 2

Activity - Impromptu Celebration Goody Jar	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A large jar will be placed in the school lounge and filled with items gathered by the school staff and PTO. Many of the goodies will be donated by the community and business people. Examples will include but not be limited to professional sporting tickets, passes to school events, certificates for free items, and student privilege opportunities.	Behavioral Support Program	Tier 2	Implement	09/05/2017	06/14/2018	\$0	No Funding Required	Principal, Teachers, PTO, Community Organizations.

Activity - Monthly Life Principle	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Staff will introduce a Life Principle during the monthly PRIDE assembly. Arrowwood will incorporate these principles within the PRIDE expectations. A monthly focus/theme will be presented and sustained through the daily school-wide Call to Excellence.	Behavioral Support Program	Tier 2	Implement	09/05/2017	06/14/2018	\$0	No Funding Required	Principal, Literacy and Numeracy Specialists, Classroom Teachers.
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### Strategy 4:

Skillful Leadership and Focus - Family Engagement to Support Learning and Enhance Collective Impact - Arrowwood will engage community members to teach appropriate emotional states as life skills.

Category: School Culture

Research Cited: Jensen, Eric. 10 Most Effective Tips For Using Brain-Based Teaching & Learning. Brain Based Learning, March 2014. May 2016.

Tier: Tier 1

Activity - ArrowQuest	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Arrowwood staff, parents, and community members will offer a variety of science, art, and movement workshops for students. These hands-on workshops will be specific to grade level content expectations. Parents and community members will use their workshop to guide real world application of the concepts taught.	Community Engagement	Tier 1	Evaluate	09/05/2017	06/14/2018	\$1500	Other	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal, and Community Members

## Goal 2: All students at Arrowwood Elementary will be proficient in Mathematics.

### Measurable Objective 1:

85% of All Students will demonstrate a proficiency in computation and applications in Mathematics by 06/14/2018 as measured by NWEA assessment, AIMS Web M-Cap, and AIMSWeb M-Comp for Tier 2 and 3 students. In 2017-2018, our state assessment proficiency target will indicate a 5% increase..

### Strategy 1:

Professional Learning to Address Achievement Gaps/Challenges - Arrowwood Elementary will develop a comprehensive plan for professional development to support student achievement which includes attending state-level math conferences and provide time for grade level collaboration to insure fidelity of the pacing as well as content covered by each grade level.

Category: Mathematics

## Arrowwood Elementary School Improvement Plan 2017-2018

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Research Cited: White, Michael, Grimm, Bonnie, Young, Lindsey, Stark Bob. Tap Dancing to Work How a Small Group of Teachers Can Conquer the Common Core. South Carolina: Education Consulting Services 2014.

Common Core State Standards Initiative (CCSSI), 2010. Common Core State Standards for Mathematics. Washington, DC;

National Governors Association Center for Best practices and the Council of Chief State School Officers.

[http://www.corestandards.org/assets/CCSSI\\_Math%20Standards.pdf](http://www.corestandards.org/assets/CCSSI_Math%20Standards.pdf)

Tier: Tier 1

Activity - Attend Michigan Council of Teachers of Mathematics Conference/ISD Workshops	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Two Arrowwood staff members will attend the Michigan state level mathematics conference and serve as lead teachers to guide the implementation of effective strategies to support the learning needs of each student. Other professional development may include the K-12 Math Mini Conference, Mathematics Professional Learning Series for Grades 3-5, National Math in Focus Conference, and teachers will access various math instruction using EduPath online professional development per individual interest. Time will be given at a staff meetings to share learning and classroom strategies.	Professional Learning	Tier 1	Implement	09/05/2017	06/14/2018	\$1760	Title II Part A	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal

### Strategy 2:

Evidence/Research-based Instruction for All Students - Arrowwood Elementary will implement the following school-wide strategies by all staff with fidelity: using Math In Focus curriculum materials as our primary resource, daily problem solving opportunities, and technology into mathematics units.

Category: Mathematics

Research Cited: Har, Yeap Ban. Bar Modeling: A Problem Solving Tool. Singapore: Marshall Cavendish International. 2010. Print.

Kheong, Dr. Fong Ho, et al. Math In Focus: The Singapore Approach. Singapore: Marshall Cavendish International. 2008. Print.

Hyde, Arthur. Comprehending Math: Adapting Reading Strategies to Teach Mathematics, K-6. Portsmouth: Heinemann, 2005. Print.

Zemelman, Steve, Harvey Daniels, and Arthur Hyde. Best Practice: Today's Standards for Teaching and Learning in America's Schools. Portsmouth: Heinemann, 2005. Print.

Tier: Tier 1

Activity - Math Fact Fluency	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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To support fact fluency, third and fourth grade teachers will use the Rocket Math program. Fifth grade will use XtraMath.com, an online fact fluency program.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/14/2018	\$500	General Fund	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal
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Activity - Bar Modeling	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All staff will continue to integrate Bar Modeling strategies, as taught in the Math in Focus series, into their daily math lessons. Students will complete "Bar Model Problems of the Day."	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/14/2018	\$500	General Fund	Classroom teachers, Literacy and Numeracy Specialists, Special Education Teachers, and Principal.

### Strategy 3:

Multi-tiered System of Supports (Tiers 2 & 3) - Arrowwood will implement a Multi-tiered System of Support (MTSS or Base Camp) by forming math intervention groups and analyzing pre and post test results for reteaching the math curriculum as needed for identified students.

Category: Mathematics

Research Cited: Brown-Chidsey, Rachel and Kristina J. Andren. 2013. Assessment for Intervention: A Problem-Solving Approach. Guilford Press.

White, Michael; Grimm, Bonnie; Young, Lindsey and Stark, Bob. 2014. Tap Dancing to Work: How a Small Group of Teachers Can Conquer the Common Core.

Tier: Tier 2

Activity - After School Tutoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will provide after-school tutoring, one session per week for at risk students. Options for tutoring will include stipends for 6 teachers and snacks for students.	Academic Support Program	Tier 3	Implement	09/05/2017	06/14/2018	\$4500	Section 31a	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers.

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Activity - Math in Focus Pretest and Test Prep Data	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Grade level teachers will collaborate to analyze both pre and post data to determine concepts and skills that were not mastered during grade level meetings and data days in order to redirect instruction and develop individual learning plans for identified students.	Teacher Collaboration	Tier 3	Implement	09/05/2017	06/14/2018	\$0	No Funding Required	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, and Principal.

Activity - Math Intervention Groups	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Based on informal and formal assessments, teachers will create math intervention groups to meet the needs of struggling students. Teachers will provide additional assistance to students who are determined to be at risk in math. Math supports will be timely. Grouping of students will be changed upon reevaluation of core skill level.	Direct Instruction	Tier 2	Monitor	09/05/2017	06/14/2018	\$1500	Section 31a	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, and Principal.

### Strategy 4:

Family Engagement to Support Learning and Enhance Collective Impact - Arrowwood will continue to engage families in math learning by hosting a Family Math Night.

Category: School Culture

Research Cited: Prior, Jennifer and Maureen Gerard. 2007. Family Involvement in Early Childhood Education. Thomson Delmar Learning.

Tier: Tier 1

Activity - Family Math Night	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Arrowwood will host a family math game night. Math games, tutorial support, and on-line math resources will be shared that support teaching and learning in the home environment.	Community Engagement	Tier 1	Implement	09/05/2017	06/14/2018	\$1000	General Fund	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal

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Activity - STEM Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Arrowwood will host a half day STEM Day. The activities will incorporate activities from the science, technology, engineering and math curriculum. Each teacher will provide a hands-on, inquiry based lesson which will be connected to a real world career. Staff and community members will use these stations to encourage scientific investigation and engineering challenges.	Community Engagement	Tier 1	Implement	09/05/2017	06/14/2018	\$200	Other	Teachers, Literacy Numeracy Specialists, Resource Room teachers, Principal

### Goal 3: All students at Arrowwood Elementary will be proficient in English Language Arts.

#### Measurable Objective 1:

85% of All Students will demonstrate a proficiency in reading comprehension/fluency strategies and writing skills in English Language Arts by 06/14/2018 as measured by NWEA assessment data, AIMSweb Curriculum Based Assessments for Tier 2 and 3, and Spring MLPP assessments. In 2017-2018 our M-STEP assessment proficiency will show a 5% increase..

#### Strategy 1:

Professional Learning to Address Achievement Gaps/Challenges - Arrowwood staff will participate in professional development (i.e. MRA Conference), data meetings, problem solving sessions, and grade level meetings to meet the learning needs of all students.

Category: English/Language Arts

Research Cited: Honig, Bill, Linda Diamond, and Linda Gutlohn. Teaching Reading Sourcebook: For All Educators Working to Improve Reading Achievement. Novato: Arena Press. 2008. Print.

Miller, Donalyn. 2013. Reading In the Wild. Jossey-Bass. San Francisco.

White, Michael; Grimm, Bonnie; Young, Lindsey; Stark, Bob. 2014. Tap Dancing to Work: How a Small Group of Teachers Can Conquer the Common Core. Cincinnati, OH.

Jeffrey, Dwanye. "Reaching Reluctant Readers (AKA Books for Boys)." The ALAN Review Winter 2009: 56-63. Print.

Ferguson, Ronald F. What Doesn't Meet the Eye: Understanding and Addressing Racial Disparities in High-Achieving Suburban Schools. North Central Regional Educational Lab 2002: 3-39. Print.

Tier: Tier 1

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Activity - Attend Michigan Reading Association Conference/ISD Workshops	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Two Arrowwood staff members will attend state or local conferences and MRA, to serve as lead teachers in the implementation of new teaching strategies and ideas to support student learning. Arrowwood staff will use EduPath online professional development to support shift in ELA professional practices. Time will be given at staff meeting to share information learned at the conferences.	Professional Learning	Tier 1	Implement	09/05/2017	06/14/2018	\$650	Title II Part A	Teachers, Literacy and Numeracy Specialists, Special Education teachers, and Principal.
Activity - Grade Level Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will collaborate at monthly staff meetings, grade level meetings, and district grade level collaboration meetings to discuss pacing of the curriculum and best practices.	Teacher Collaboration, Professional Learning	Tier 1	Evaluate	09/05/2017	06/14/2018	\$0	No Funding Required	Teachers, Literacy and Numeracy Specialists, Special Education Teachers, and Principal.

### Strategy 2:

Evidence/Research-based Instruction for All Students - Arrowwood will continue the use of Reading Street curriculum as our primary resource.

Category: English/Language Arts

Research Cited: Fountas, Irene C., and Gay Su Pinnell. Guiding Readers and Writers (Grade 3-6): Teaching, Comprehension, Genre, and Content Literacy.

Portsmouth: Heinemann. 2001. Print.

Wiggins, Grant. Understanding by Designs. Upper Saddle River: Prentice Hall, 2005. Print.

National Reading Panel. (2001). Report of the National Reading Panel: Teaching Children to Read Summary Report. Retrieved from

<http://www.nationalreadingpanel.org>

Sprick, Randy PhD. CHAMPS - A Proactive & Positive Approach to Classroom Management. Eugene: Pacific Northwest Publishing, 2009. Print.

Miller, Donalyn. 2013. Reading In the Wild. Jossey-Bass. San Francisco.

Tier: Tier 1

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Activity - Daily Independent Reading for all students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
In order to build a culture of life-long reading, teachers will facilitate free-choice independent reading each day for all students for a minimum of 20 minutes as teachers are conferring with readers.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/14/2018	\$0	No Funding Required	Teachers, Literacy and Numeracy Specialists, Special Education Teachers, and Principal.
Activity - Incorporate science and social studies standards into the daily reading and writing block.	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will use the Reading Street materials to integrate science and social studies content into their daily reading and writing block.	Direct Instruction	Tier 1	Implement	09/05/2017	06/14/2018	\$0	No Funding Required	Teachers, Literacy and Numeracy Specialists, Special Education Teachers, and Principal.
Activity - Reading Street Assessments	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will continue to use the assessments provided by Reading Street to evaluate student progress of the Michigan Standards in both reading and writing to monitor student progress.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/14/2018	\$0	No Funding Required	Teachers and Resource Room Teachers
Activity - Daily Teacher Read Aloud	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will spend a minimum of 15 minutes a day reading aloud to students from picture books or a class novel. Individual classroom Read Alouds will displayed on a central bulletin in the library.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/14/2018	\$0	No Funding Required	Classroom teachers and Principal

### Strategy 3:

Multi-tiered System of Supports (Tiers 2 & 3) - Arrowwood will continue a Multi-tiered System of Support (MTSS or Base Camp) model by providing differentiation based on student skill needs and supplemental instruction to meet the unique learning needs of all students.

## Arrowwood Elementary School Improvement Plan 2017-2018

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Category: English/Language Arts

Research Cited: Hall, Susan L. Jumpstart RTI: Using RTI In Your Elementary School Right Now. Thousand Oaks: Corwin, 2011. Print.

Jeffrey, Dwayne. "Reaching Reluctant Readers (AKA Books for Boys)." The ALAN Review Winter 2009: 56-63. Print.

Ferguson, Ronald F. What Doesn't Meet the Eye: Understanding and Addressing Racial Disparities in High-Achieving Suburban Schools. North Central Regional Educational Lab 2002: 3-39. Print.

Tier: Tier 2

Activity - Reading MTSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will provide additional assistance to students who are determined to be at risk in reading. Reading supports will be timely. Grouping of students will change upon reevaluation of skill level.	Academic Support Program	Tier 2	Evaluate	09/05/2017	06/14/2018	\$0	No Funding Required	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal
Activity - Data Meetings and Student Success Team Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Arrowwood will continue to meet regularly to look at student data and hold problem solving sessions throughout the year to analyze student reading data and to group students according to instructional needs. Teachers will use progress monitoring reports to determine if the reading interventions are working and will make adjustments accordingly. During our problem solving sessions, we will look at individual student needs and implement an intervention plan.	Academic Support Program	Tier 2	Evaluate	09/05/2017	06/14/2018	\$3500	Section 31a, General Fund	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal

### Strategy 4:

Family Engagement to Support Learning and Enhance Collective Impact - Arrowwood will engage families in literacy by publishing the school newsletter (The Eagle Express) and extracurricular activities, such as, Battle of the Books.

Category: English/Language Arts

Research Cited: Honig, Bill, Linda Diamond, and Linda Gutlohn. Teaching Reading Sourcebook: For All Educators Working to Improve Reading Achievement. Novato: Arena Press. 2008. Print.

Tier: Tier 1

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Activity - Battle of the Books	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will encourage all students to participate in Battle of the Books. Community and parent volunteers will work collaboratively to host the event in March 2018.	Extra Curricular	Tier 1	Evaluate	09/05/2017	06/14/2018	\$400	Other	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal
Activity - Literacy Night	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Arrowwood will host a family literacy night. Reading and writing games, tutorial support, and on-line resources will be shared that support teaching and learning in the home environment.	Parent Involvement, Technology, Academic Support Program, Community Engagement	Tier 1	Monitor	09/05/2017	06/14/2018	\$1500	General Fund	Teachers, Literacy and Numeracy Specialists and Principal.

## Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

### Other

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
ArrowQuest	Arrowwood staff, parents, and community members will offer a variety of science, art, and movement workshops for students. These hands-on workshops will be specific to grade level content expectations. Parents and community members will use their workshop to guide real world application of the concepts taught.	Community Engagement	Tier 1	Evaluate	09/05/2017	06/14/2018	\$1500	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal, and Community Members
STEM Day	Arrowwood will host a half day STEM Day. The activities will incorporate activities from the science, technology, engineering and math curriculum. Each teacher will provide a hands-on, inquiry based lesson which will be connected to a real world career. Staff and community members will use these stations to encourage scientific investigation and engineering challenges.	Community Engagement	Tier 1	Implement	09/05/2017	06/14/2018	\$200	Teachers, Literacy Numeracy Specialists, Resource Room teachers, Principal
Battle of the Books	Staff will encourage all students to participate in Battle of the Books. Community and parent volunteers will work collaboratively to host the event in March 2018.	Extra Curricular	Tier 1	Evaluate	09/05/2017	06/14/2018	\$400	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal

### General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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Data Meetings and Student Success Team Meetings	Arrowwood will continue to meet regularly to look at student data and hold problem solving sessions throughout the year to analyze student reading data and to group students according to instructional needs. Teachers will use progress monitoring reports to determine if the reading interventions are working and will make adjustments accordingly. During our problem solving sessions, we will look at individual student needs and implement an intervention plan.	Academic Support Program	Tier 2	Evaluate	09/05/2017	06/14/2018	\$1000	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal
Literacy Night	Arrowwood will host a family literacy night. Reading and writing games, tutorial support, and on-line resources will be shared that support teaching and learning in the home environment.	Parent Involvement, Technology, Academic Support Program, Community Engagement	Tier 1	Monitor	09/05/2017	06/14/2018	\$1500	Teachers, Literacy and Numeracy Specialists and Principal.
Bar Modeling	All staff will continue to integrate Bar Modeling strategies, as taught in the Math in Focus series, into their daily math lessons. Students will complete "Bar Model Problems of the Day."	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/14/2018	\$500	Classroom teachers, Literacy and Numeracy Specialists, Special Education Teachers, and Principal.
Math Fact Fluency	To support fact fluency, third and fourth grade teachers will use the Rocket Math program. Fifth grade will use XtraMath.com, an online fact fluency program.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/14/2018	\$500	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal
Family Math Night	Arrowwood will host a family math game night. Math games, tutorial support, and on-line math resources will be shared that support teaching and learning in the home environment.	Community Engagement	Tier 1	Implement	09/05/2017	06/14/2018	\$1000	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal

## Arrowwood Elementary School Improvement Plan 2017-2018

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### Section 31a

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Data Meetings and Student Success Team Meetings	Arrowwood will continue to meet regularly to look at student data and hold problem solving sessions throughout the year to analyze student reading data and to group students according to instructional needs. Teachers will use progress monitoring reports to determine if the reading interventions are working and will make adjustments accordingly. During our problem solving sessions, we will look at individual student needs and implement an intervention plan.	Academic Support Program	Tier 2	Evaluate	09/05/2017	06/14/2018	\$2500	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal
Math Intervention Groups	Based on informal and formal assessments, teachers will create math intervention groups to meet the needs of struggling students. Teachers will provide additional assistance to students who are determined to be at risk in math. Math supports will be timely. Grouping of students will be changed upon reevaluation of core skill level.	Direct Instruction	Tier 2	Monitor	09/05/2017	06/14/2018	\$1500	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, and Principal.
After School Tutoring	Staff will provide after-school tutoring, one session per week for at risk students. Options for tutoring will include stipends for 6 teachers and snacks for students.	Academic Support Program	Tier 3	Implement	09/05/2017	06/14/2018	\$4500	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers.

### Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Great Expectations	All Arrowwood staff members will be trained in Great Expectations. During the 2017-2018 school year, any remaining staff will have Great Expectations training. All teachers will incorporate the 17 Life Principles information in their daily lesson plan.	Professional Learning	Tier 1	Getting Ready	09/05/2017	06/14/2018	\$2750	Principal, Teachers, Literacy Numeracy Specialists, Lunch and Office Staff

## Arrowwood Elementary School Improvement Plan 2017-2018

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Poverty on the Brain Book Study	All Staff will participate in the application of research based engagement strategies found in the book "Teaching With Poverty in Mind: What Being Poor Does to Kids' Brains and What Schools Can Do About It."	Professional Learning	Tier 1	Implement	09/05/2017	06/14/2018	\$1000	Principal and Classroom Teachers.
Attend Michigan Council of Teachers of Mathematics Conference/ISD Workshops	Two Arrowwood staff members will attend the Michigan state level mathematics conference and serve as lead teachers to guide the implementation of effective strategies to support the learning needs of each student. Other professional development may include the K-12 Math Mini Conference, Mathematics Professional Learning Series for Grades 3-5, National Math in Focus Conference, and teachers will access various math instruction using EduPath online professional development per individual interest. Time will be given at a staff meetings to share learning and classroom strategies.	Professional Learning	Tier 1	Implement	09/05/2017	06/14/2018	\$1760	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal
Attend Michigan Reading Association Conference/ISD Workshops	Two Arrowwood staff members will attend state or local conferences and MRA, to serve as lead teachers in the implementation of new teaching strategies and ideas to support student learning. Arrowwood staff will use EduPath online professional development to support shift in ELA professional practices. Time will be given at staff meeting to share information learned at the conferences.	Professional Learning	Tier 1	Implement	09/05/2017	06/14/2018	\$650	Teachers, Literacy and Numeracy Specialists, Special Education teachers, and Principal.

### No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Impromptu Celebration Goody Jar	A large jar will be placed in the school lounge and filled with items gathered by the school staff and PTO. Many of the goodies will be donated by the community and business people. Examples will include but not be limited to professional sporting tickets, passes to school events, certificates for free items, and student privilege opportunities.	Behavioral Support Program	Tier 2	Implement	09/05/2017	06/14/2018	\$0	Principal, Teachers, PTO, Community Organizations.
Monthly Life Principle	Staff will introduce a Life Principle during the monthly PRIDE assembly. Arrowwood will incorporate these principles within the PRIDE expectations. A monthly focus/theme will be presented and sustained through the daily school-wide Call to Excellence.	Behavioral Support Program	Tier 2	Implement	09/05/2017	06/14/2018	\$0	Principal, Literacy and Numeracy Specialists, Classroom Teachers.

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Reading Street Assessments	Teachers will continue to use the assessments provided by Reading Street to evaluate student progress of the Michigan Standards in both reading and writing to monitor student progress.	Academic Support Program	Tier 1	Evaluate	09/05/2017	06/14/2018	\$0	Teachers and Resource Room Teachers
Math in Focus Pretest and Test Prep Data	Grade level teachers will collaborate to analyze both pre and post data to determine concepts and skills that were not mastered during grade level meetings and data days in order to redirect instruction and develop individual learning plans for identified students.	Teacher Collaboration	Tier 3	Implement	09/05/2017	06/14/2018	\$0	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, and Principal.
Mobile Awards	Arrowwood staff will give out "mobile awards" trophies symbolizing prowess in one of four areas: leadership, curriculum, child advocacy, and creativity. The awards will be originally distributed by the principal, and the recipients will keep and display their awards for one month. At the next staff meeting, the winners will pass the honor on to a fellow staff member whom they observed exhibiting the quality that the award recognized.	Teacher Collaboration	Tier 1	Monitor	09/05/2017	06/14/2018	\$0	Principal, Classroom Teachers.
Incorporate science and social studies standards into the daily reading and writing block.	Teachers will use the Reading Street materials to integrate science and social studies content into their daily reading and writing block.	Direct Instruction	Tier 1	Implement	09/05/2017	06/14/2018	\$0	Teachers, Literacy and Numeracy Specialists, Special Education Teachers, and Principal.
Daily Independent Reading for all students	In order to build a culture of life-long reading, teachers will facilitate free-choice independent reading each day for all students for a minimum of 20 minutes as teachers are conferring with readers.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/14/2018	\$0	Teachers, Literacy and Numeracy Specialists, Special Education Teachers, and Principal.

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Grade Level Meetings	Teachers will collaborate at monthly staff meetings, grade level meetings, and district grade level collaboration meetings to discuss pacing of the curriculum and best practices.	Teacher Collaboration, Professional Learning	Tier 1	Evaluate	09/05/2017	06/14/2018	\$0	Teachers, Literacy and Numeracy Specialists, Special Education Teachers, and Principal.
Daily Teacher Read Aloud	Teachers will spend a minimum of 15 minutes a day reading aloud to students from picture books or a class novel. Individual classroom Read Alouds will displayed on a central bulletin in the library.	Direct Instruction	Tier 1	Monitor	09/05/2017	06/14/2018	\$0	Classroom teachers and Principal
Reading MTSS	Teachers will provide additional assistance to students who are determined to be at risk in reading. Reading supports will be timely. Grouping of students will change upon reevaluation of skill level.	Academic Support Program	Tier 2	Evaluate	09/05/2017	06/14/2018	\$0	Teachers, Literacy and Numeracy Specialists, Resource Room Teachers, Principal