



# **School Improvement Plan**

**Waterloo School**

**Monroe Public Schools**

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## **Introduction**

The SIP is a planning tool designed to address student achievement and system needs identified through the school's comprehensive needs assessment (CNA). Additionally, the SIP provides a method for schools to address the school improvement planning requirements of Public Act 25 of the Revised School Code and the Elementary and Secondary Education Act (ESEA) as applicable.

# **Improvement Plan Assurance**

## **Introduction**

During the 2016-2017 school year, schools will have two options for Goals and Plans. 1. Update Goals and Plans, if necessary, based on analysis of data and Program Evaluation; 2. Complete and upload the Abbreviated Goals and Plans template into ASSIST, based on analysis of data and Program Evaluation.

**Improvement Plan Assurance**

<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	Goals and plans in ASSIST.	

# **Title I Schoolwide Diagnostic**



## **Introduction**

This diagnostic tool is aligned to requirements for Title I Schoolwide schools. The Comprehensive Needs Assessment must be completed prior to creating a new plan or annually updating an existing school improvement plan. Use the results of the Comprehensive Needs Assessment to develop Goals/Objectives/Strategies and Activities. Ensure that the Comprehensive Needs Assessment addresses all four types of data: student achievement data, school programs/process data, perceptions data (must include teachers and parents; student data is encouraged), and demographic data. The Comprehensive Needs Assessment must also take into account the needs of migratory children as defined in Title I, Part C, Section 1309(2).

## **Component 1: Comprehensive Needs Assessment**

### **1. How was the comprehensive needs assessment process conducted?**

Waterloo conducted a comprehensive needs assessment by utilizing information from the School Data Profile/Analysis, School Process Profile and Summary Report. Waterloo's School Comprehensive Needs Assessment was conducted during Professional Learning Community meetings, staff meetings, and School Improvement team meetings. In addition, parents, students and staff were surveyed. Surveys, student achievement data and demographic data was analyzed by staff members.

### **2. What were the results of the comprehensive needs assessment process? What information was concluded as a result of analyzing perception, student achievement, school programs/process, and demographic data?**

As a result of the comprehensive needs assessment process, Waterloo has established achievement goals and objectives directly related to the improvement of achievement for subgroup populations within the school with the intent to close achievement gaps for learning in the four core content areas.

### **3. How are the school goals connected to priority needs and the needs assessment process? It is clear that a detailed analysis of multiple types of data was conducted to select the goals.**

It was concluded as a result of our comprehensive needs assessment that students in certain subgroup populations need instruction that is designed to meet their individual needs. Teachers need assistance with differentiating instruction to meet the needs of the students within these subgroups. This will be supported through professional development led by the school improvement coach, administrator and teacher leaders involved in the plan, teach and debrief cycle.

### **4. How do the goals address the needs of the whole school population? How is special recognition paid to meeting the needs of children who are disadvantaged?**

We concluded that many of the instructional efforts currently taking place have had a positive impact on student achievement.

Areas of strengths are:

- \*Student Achievement and growth
- \*Dedicated Staff
- \*Intentional, direct, differentiated instruction
- \*Classroom management
- \*Student Driven classrooms with adherence to district curriculum
- \*High standards and expectations.
- \*Emphasis on time on task and high teacher knowledge.
- \*Social/Emotional support for students

## School Improvement Plan

Waterloo School

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### Areas of Challenge

- \*Economic challenges of parents and families
- \*High rate of transient students
- \*High absenteeism and tardiness
- \*Family access to school supports (transportation, information, etc.)

## Component 2: Schoolwide Reform Strategies

### 1. Describe the strategies in the schoolwide plan which focus on helping ALL students reach the State's standards.

The data supports that there is a need to improve student levels of achievement in reading, writing, math, science and social studies. Specifically a priority of the school is to improve math and reading achievement throughout the school. The subgroups identified through the needs assessment and connected to the goals are: students with specific learning disabilities, female students and non-Caucasian students. In order to close the achievement gap of our at-risk students and increase the academic achievement of all students, Waterloo School will be focusing on the professional development of its teachers in mathematics as well as differentiated and integrated instruction across the curriculum. Another goal that the school will work on is identifying the needs of the school population with an emphasis on increasing parent involvement while at school and providing parents at home with strategies to support the core curriculum areas. The final goal is to identify the needs of the families to improve the school climate.

### 2. Describe how the research-based methods and strategies in the schoolwide plan increase the quality and quantity of instruction (which accelerates and enriches the curriculum).

Research based methods and strategies in the school wide plan that increase the quality of instruction are:

Units of Study by Lucy Calkins and colleagues for reading and writing

Workshop Model used in all content areas.

Context for learning units used at all levels in the area of math

STEMScope units for Science instruction

### 3. Describe how the research-based reform strategies in the schoolwide plan align with the findings of the comprehensive needs assessment.

The research based reform strategy in the school wide plan that aligns with the findings of the needs assessment is the professional development of teachers in the areas of integrated and differentiated instruction, mathematics (place value, addition/subtraction, and multiplication/division), reading instruction and parental involvement.

### 4. Describe the strategies in the schoolwide plan which provide a level of INTERVENTIONS for students who need the most instructional support in all major subgroups participating in the schoolwide program.

The school will be providing groups of reading intervention and math intervention for high priority students not meeting grade level expectations via the MTSS framework. The students will be identified by using common assessment proficiency scores and ongoing monitoring of progress.

**5. Describe how the school determines if these needs of students are being met.**

The school will determine if the needs are being met by meeting as a team twice a month to analyze data (pre and post trimester assessments, progress monitoring data, and MSTEP proficiency levels).

**Component 3: Instruction by Highly Qualified Staff**

Label	Assurance	Response	Comment	Attachment
	1. Do all of the instructional paraprofessionals meet the NCLB requirements for highly qualified? Provide an assurance statement. If no, what is the number that is not highly qualified and what is being done to address this? NOTE: A schoolwide program must have all highly qualified instructional staff.	Yes	All instructional paraprofessionals at Waterloo meet the NCLB requirements for highly qualified.	

Label	Assurance	Response	Comment	Attachment
	2. Do all of the teachers meet the NCLB requirements for highly qualified? Provide an assurance statement. If no, what is the number that is not highly qualified and what is being done to address this? NOTE: A schoolwide program must have all highly qualified instructional staff.	Yes	All teachers at Waterloo meet the NCLB requirements for highly qualified.	

## Component 4: Strategies to Attract Highly Qualified Teachers

### 1. What is the school's teacher turnover rate for this school year?

During the 16-17 school year, one classroom teacher left the district during the summer, one classroom teacher relocated within the district and one classroom teacher left the district mid year. The result is a loss of one classroom teaching position. One new hire for a classroom position occurred before the start of the year and one new hire for a classroom position happened mid year. Prior to the start of the school year, Waterloo had one half time vacancy for a physical education teacher and one half time vacancy for a robotics teacher. These positions were both filled after the year began.

### 2. What is the experience level of key teaching and learning personnel?

The district has adopted the Charlotte Danielson Framework for teacher evaluation. This framework allows the administration to facilitate conversations, goal-setting and classroom observations through the lens of best practice. The design of these components allow administrators and teachers to identify the experience level and expertise of each teacher. This information then is taken into account when designing professional development opportunities, district curriculum committee membership, and a variety of other building initiatives. At the present time the experience level is made up of teachers with one year to twenty-five years of experience.

### 3. Describe the specific initiatives the SCHOOL has implemented to attract and retain high quality teachers regardless of the turnover rate.

This school has specifically provided professional development, peer mentor and opportunities in technology initiatives for attracting and retaining highly qualified teachers regardless of the turnover rate. Waterloo continues to implement the STEAM philosophy of problem based learning which helps keep teachers at Waterloo.

### 4. Describe the specific initiatives the DISTRICT has implemented to attract and retain highly qualified teachers regardless of the turnover rate.

Several district/school initiatives are in place to attract highly qualified teachers. The Personnel Office continually monitors the teacher hiring and turn over rates. An open application process is accessible through the district website. Professional activities and opportunities are showcased on the district website. Annually, the district visits teacher fairs at surrounding universities for the purpose of recruitment. All interviews are conducted by a panel of staff which includes the building principal, teachers, and a parent. Waterloo has structured instructional staff into professional learning communities who meet consistently to collaborate, analyze and interpret data. All new teachers are enrolled in district and building professional development. This support includes membership in PLC groups and other in-services focusing on bi-monthly student data meetings, classroom visitations using the Walk Through process and access to the building's school improvement coach. New teachers are also a part of Lab classroom visits and the plan, teach, debrief coaching cycle. New teachers are also included in the Intermediate School District professional development that is available throughout the year. Each new teacher meets periodically with the building administration to develop and review the teacher's professional goals. The current evaluation tool allows the administrator and all teachers to have a conversation which facilitates goal-setting and active classroom observation. This process allows the

building administration to identify the experience level of teacher leaders in the building. This formal evaluation process is conducted throughout the year with all teachers. With the walk through process conversation is ongoing with all staff. Discussion about student data, curriculum and classroom management will take place at building meetings, in-services and co-planning sessions.

**5. If there is a high turnover rate, what initiatives has the school implemented to attempt to lower the turnover rate of highly qualified teachers?**

Waterloo has adopted the teaching philosophy of STEAM integration. This is attractive to teachers looking for employment and also assists in retaining teachers.



## Component 5: High Quality and Ongoing Professional Development

**1. Describe the professional learning that the staff will receive that is aligned with the comprehensive needs assessment process and the goals of the school improvement plan.**

The professional development Waterloo has implemented is aligned with the school improvement plan and is occurs during Professional Learning Community meetings, technology in-services and conferences, and co-planning sessions. The district also has plans to support teachers with professional learning opportunities focused around 3 possible goals:

Goal #1: Utilize learning continuum/pathways to measure and support student growth within a content area.

Goal #2: Create a classroom environment which supports student centered learning.

Goal #3: Create tasks which require students to use higher order thinking skills and processes to develop deeper understandings of the content.

**2. Describe how this professional learning is "sustained and ongoing."**

Waterloo staff meets every month as a large group professional learning community. An added layer to this PLC is ongoing coaching sessions with individual teachers and the Waterloo's School Improvement Coach via a plan, teach, debrief cycle. In addition, small, grade-level/grade-span planning teams meet consistently throughout the year to plan for and monitor student achievement in connection to the MTSS framework. Identified school teams also meet consistently throughout the year to plan for and monitor school improvement work in the areas of Targeted Instruction, Positive School Climate, Parent Engagement and Technology Integration. Some members of the building will also participate as members of the District Improvement Meetings. Outside of Waterloo PLC's, Monroe Public Schools also offers professional learning opportunities that teachers may choose to participate in.

Label	Assurance	Response	Comment	Attachment
	3. The school's Professional Learning Plan is complete.	Yes		Waterloo PD Outline 17-18

## Component 6: Strategies to Increase Parental Involvement

### 1. Describe how parents are (will be) involved in the design of the schoolwide plan.

All of Waterloo School's stakeholder groups participated in the process of formulating the questions for the surveys, along with gathering the data and then analyzing the information gathered. The group was divided into subgroups which were responsible for gathering the necessary information to answer the questions for the data analysis. From there the smaller groups shared their information with all of the stakeholders. The building stakeholders will be encouraged to take the information that the district provides to them and fit that information into their own plan for the students in this building. All stakeholders will attend all in-services that the district provides so that all parties stay current with best practices. Waterloo will take the suggestions of all invested parties for ideas to implement to provide the needs of those students. Decisions about curriculum, instruction and assessment are made at this school through presentations and discussions at building meetings. Parents are always invited in through luncheons, breakfast meetings, etc. Teachers are surveyed and student progress is monitored by both instructional staff and administration. Teachers are trained in the use of the district data management and analysis system, the district's progress monitoring tool (PMT) and Schoolzilla to assist them in their ability to use assessment data to form their instruction. A stakeholder's survey will be sent home to every family in the spring. From the survey, decisions will be made as to how instruction, assessment and curriculum decisions will be handled for the next year. Parent involvement is vital, so parents are invited to school improvement meetings, assemblies, conferences and PTO meetings where educational decisions are shared and discussed.

### 2. Describe how parents are (will be) involved in the implementation of the schoolwide plan.

Waterloo's parent involvement is designed so that partnerships are established with parents and with the community in a consistent, organized, and meaningful way to provide a quality education for every child in the school. The parent involvement policy will be updated based on parent survey results. Parents meet annually with the school community to address Title 1 allocations and to discuss any concerns or suggestions that a parent may have. Active participation in this decision making process is highly recommended because of the parental investment for students. A question and answer forum is set up during this meeting. Parents are a part of the committee that determines how the Title 1 budget is set up. Parents are involved in the implementation of the school wide plan by volunteering in classrooms and by being active members in the building.

### 3. Describe how parents are (will be) involved in the evaluation of the schoolwide plan.

The parent involvement program will be evaluated annually through the school improvement process and will include data and input from the parent surveys. This data will be studied by all parents involved and the results will be shared with the school community. Parents are involved in the evaluation of the school wide plan by being a part of the meeting where the survey information was shared.

Label	Assurance	Response	Comment	Attachment
	4. Does the school have a Title I Parent Involvement policy that addresses how the school carries out the required activities of ESEA Section 1118 (c) through (f)?	Yes		Waterloo Parent Involvement Policy 17-18

**5. Describe how the school is carrying out the activities outlined in ESEA Section 1118 (e) 1-5, 14 and (f).**

Strategies to be implemented this year to increase parental involvement will include:

- \*Scheduled family partnership meetings that will allow teacher to have face to face contact with parents in order to discuss specific achievement and learning goals for their child.
- \*An evening Open House event will be held the week before school begins to allow families to become acquainted with the building, staff and curriculum.
- \*A kindergarten gathering will take place in addition to the Open House event to allow incoming kindergarten families the opportunity to learn the expectations of the kindergarten curriculum, visit the school and speak with their child's teacher.
- \*Regularly scheduled PTO meetings will take place throughout the year that will be open for participation for all parents. In addition, multiple PTO sponsored evening events will take place that will encourage family participation.
- \*Parent building volunteers are encouraged and welcomed. The building will accommodate for the schedules of parents.
- \*Learning Showcases and scheduled to allow families to explore learning with their child.
- \*Waterloo has a student service provider to assist in parent communication and help provide needed support for families in all areas.
- \*Family curriculum nights will be held throughout the school year that will give families opportunities to participate in curriculum related activities and provide parents with information and strategies for assisting children at home.
- \*Community service projects in every classroom throughout the year that will include families at home.
- \*Fine Arts events will take place.

**6. Describe how the parent involvement component of the schoolwide plan is (will be) evaluated.**

The parent involvement component of the school wide plan will be evaluated by looking at the data to determine if by increasing parent involvement opportunities will it directly influence the motivation and work ethic of the students. The parent expectations were discussed at the conferences and at the annual meeting.

**7. Describe how the results of the evaluation are (will be) used to improve the schoolwide program.**

Surveys will be used to gather information from the community, staff, parents and students to determine the needs and effectiveness of the school wide program. It was determined that the school will continue to improve on building a positive school climate and improving parent involvement in the school and with the students. The results of the evaluation will be used to improve the school wide plan by determining the needs of the building and implementing programs that will support those needs. The school will also identify support and resources that are needed for the families and to build communication and trust between the two parties.

**8. Describe how the school-parent compact is developed.**

The school-parent compact was created by members of the school and parents working together to put together a compact that will be useful to all of the parties involved. At the Open House all parties will have an opportunity to look at the compact which will be shared and discussed. During the fall conferences, teachers will review the expectations. Teachers will speak about the value and importance of this document to all parties involved. Parents will have opportunities to suggest edits to the compact.

**9. Describe how the School-Parent Compact is used at elementary-level parent teacher conferences.**

The parent compact is reviewed by the teacher, parents and students at parent-teacher conferences. This year all parties involved will be working on creating goals for themselves throughout the school year. At the conferences the goals will be developed using the compact as the guide for those goals.

**10. How is the School-Parent Compact shared with middle school or high school parents (depending on the grade span of the school)?**

Not Applicable

<b>Label</b>	<b>Assurance</b>	<b>Response</b>	<b>Comment</b>	<b>Attachment</b>
	The School's School-Parent Compact is attached.	Yes		Waterloo Parent Compact 2017-18

**11. Describe how the school provides individual student academic assessment results in a language the parents can understand.**

Using the Student Learning Profile, teachers will be able to provide individual assessment results to the parents in a language that they will be able to understand. Translators will be available to those parents who need the service. Parents will be able to ask questions or ask for clarification during Parent Teacher Conferences along with other predetermined parent meetings or conferences. M-STEP results are sent home in a parent friendly format as soon as they are available from the State. Translation services are available online for teacher use for progress reports, and any other teacher comments that are specific to the child's needs.

## **Component 7: Preschool Transition Strategies**

### **1. In what ways does the school connect with preschool age children more than a once a year visitation to the kindergarten classroom?**

Preschool children and their parents are invited to attend a Kindergarten Open House. This open house provides the opportunity for parents to learn about the Common Core State Standards and for students to become comfortable with the kindergarten classroom setting. Community resources such as the Monroe County Health Department will conduct hearing and vision screenings and review immunization records. Kindergarten expectation literature will be distributed. Home visits are made by the Discovery and Rainbow preschool teachers so that the parents and students will be more comfortable at this very important first meeting. Parents are invited to attend in-services and meetings throughout the upcoming year that focuses on a variety of topics such as discipline, curriculum etc. The preschool population will be encouraged to attend functions in the elementary school so that the preschool students are comfortable with the school setting. Preschool teachers will attend curriculum committee meetings throughout the year. Preschool teachers will make classroom observation to view and study best practices in the kindergarten classroom setting. Young-Five and Kindergarten Jump Start will be offered to incoming young-five/kindergarten students to assist in the transition the new school year.

### **2. What types of training does the school provide preschool parents and/or preschool teachers on the skills preschool age children will need when they enter kindergarten?**

The school provides literacy and math materials to any interested parents. Preschool teachers are also given the expectations for incoming kindergarten students. Preschool teachers are provided professional development in all areas as well.

## **Component 8: Teacher Participation in Making Assessment Decisions**

### **1. How do teachers provide their input into the decisions regarding the use of school-based academic assessments?**

A team of teachers, the school improvement coach, and administration meet consistently to participate in the selection of school based academic assessments that will be used at the district level. Waterloo School has active participation on every core curriculum committee. Waterloo continues to implement and use the MTSS process.

### **2. How are teachers involved in student achievement data analysis for the purpose of improving the academic achievement of all students?**

A team of teachers, school improvement coach, and administrator meet consistently to interpret the assessment data collected. Data is analyzed by all parties and a plan is created for each student involved using the MTSS process. The School Improvement coach is assigned to Waterloo to facilitate the assessment piece and help interpret the data collected. With the ongoing use of core curriculum pre and post trimester assessments, data will be routinely collected and evaluated. Professional development is available to all parties involved through MCISD. Meetings will be held with support staff and co-teachers to analyze data and support teachers with "best practices" ideas and strategies. Monroe Public School teachers are required to submit and enter the district assessment results for each of their students into an on-line data program (PowerSchool or PMT).

## **Component 9: Timely and Additional Assistance to Students Having Difficulty Mastering the Standards**

### **1. Describe the process to identify students who experience difficulty mastering the State's academic achievement assessment standards at an advanced or proficient level.**

The use of data collected throughout the school day either by running records, progress monitoring tools, and district pre and post assessment tests, the teacher is able to identify students who are not at the proficient or advanced levels. These students are high priority for school day intervention as well as extended day learning. Students are identified using criteria which includes teacher recommendation (grades K-3), below standard performance on the MSTEP (grades 4-6). Benchmark assessments are given 4 times during the school year in the area of literacy. Struggling students are monitored very closely.

All students are invited to extend/maintain learning in the summer through Monroe Public Schools' Summer Learning Academy, as well as summer opportunities for book clubs and math game groups. Students who do not meet proficiency in the areas of ELA and Math will receive individual invitations and/or phone calls to these opportunities.

### **2. How is timely, effective, additional assistance provided to students who are experiencing difficulty mastering the State's academic achievement assessment standards at an advanced or proficient level?**

Waterloo School has many programs in place to provide assistance for students who are experiencing difficulty mastering the State's academic advances or proficient levels.

This plan is implemented in three stages:

1. A process for periodically screening all students to determine which students are not meeting critical milestones in literacy and math. Parents will be notified if their child is not meeting expectations.
2. Procedures are used to provide data informed research-based intervention in small groups when a student's score during the screening stage indicated that they are at risk for later difficulty or they are already experiencing difficulties. This intervention will take place daily.
3. Continued monitoring to ensure that the instruction is helping and the struggling student stays on track once they reach the benchmark.

Programs & strategies used to implement the stages are listed below:

- \*Tier 1 intervention in all classrooms.
- \*Intervention & Enrichment time structured in all classrooms.
- \*Co-teaching (planning partner, special education teacher, or school improvement coach)
- \*School improvement coach support via plan/teach/debrief cycle
- \*Extended day learning opportunities
- \*Student voice and choice in resources

### **3. How are students' individual needs being addressed through differentiated instruction in the classroom?**

Teachers analyze data and determine a plan of action and a goal for each of the student in the areas of Language Arts and Math.





## Component 10: Coordination and Integration of Federal, State and Local Programs and Resources

**1. In what ways are the programs coordinated and integrated toward the achievement of the schoolwide goals? Include a LIST of the State, local and Federal programs/resources that will be supporting the schoolwide program.**

Programs are coordinated and integrated toward the achievement of the school wide goals by using the funding that is available. Taking advantage of the 31a programs (liaisons, assistants, School Improvement Coaches).

Building level budgets coordinate the funding to support the following activities: School Improvement Coach

Families in Transition services (transportation, assistant help, tutoring, back pack program, fuel assistance, clothing assistance) are also available along with Title 1 services for use of tutors, extended day, materials, summer support, and assistant uses.

ESL services are also available for all students and their families.

**2. Describe how the school will use the resources from Title I and other State, local and Federal sources to implement the ten required schoolwide components.**

The state, local and federal programs that are consolidated in the school wide program are the following:

Section 31a

Title 111

Title 11a

Title 1a

McKinney Vento Homeless Student Education Grant

IDEA

community grants

Michigan Model

Safe and Drug Free School and Communities

Building level budgets coordinate the funding to support the following activities:

\*School Improvement Coach

\*Positive School Climate Liaison

\*Professional Development via Professional Learning Communities (PLC) and conference attendance

\*DARE

\*Free/Reduced Lunch

\*Housing, transportation, learning resources and school supplies for homeless students.

\*Extended Day learning opportunities

\*Summer Learning Academy

\*ELL consultant and tutoring

\*Integration of Technology

\*Student Service Provider

**3. How does the school coordinate and integrate the following Federal, State and local programs and services in a manner applicable to the grade level to support achievement of the schoolwide goals: violence prevention programs, nutrition programs, housing programs, Head Start, adult education, vocational and technical education, and job training.**

Waterloo coordinates and integrates the following Federal, State and local services in a manner applicable to the grade level to support achievement of the school wide goals: violence prevention programs, nutrition programs, housing programs, Head Start, adult education, vocational and technical education, and job training.

Through District coordination and funding, many programs are provided to Waterloo Elementary; such as DARE, HOTS Program, family members involved in Great Start Readiness Programs and the school wide Positive Behavior of Waterloo Students program.

The District has provided bully prevention programs and evaluates its' success with the use of the PAWS behavior program. There is a nutrition program through the food service provider, Sodexo. The YMCA provided an after school fitness and nutrition program. There is coordination with local shelters such as the Salvation Army and Sunrise House. Many of the students are also involved in community education classes and intramural programs.

## **Evaluation:**

### **1. Describe how the school evaluates, at least annually, the implementation of the schoolwide program.**

By using the data management system Schoolzilla, Waterloo teachers are able to analyze data from the M-STEP and other district pre and post assessments given throughout the school year.

Monroe Public School teachers are required to submit and enter the district assessment results for each of their students in every curriculum area into an on line data system. Waterloo teachers will meet weekly to look at the data and to evaluate the current plan for each student.

### **2. Describe how the school evaluates the results achieved by the schoolwide program using data from the State's annual assessments and other indicators of academic achievement.**

Through the consistent use of the Professional Learning Communities and grade level common planning sessions held through the year, Waterloo School teachers will meet to collaborate, analyze and evaluate the student data, in order to identify the needs of the students in accordance of the School Improvement Plan.

### **3. Describe how the school determines whether the schoolwide program has been effective in increasing the achievement of students who are furthest from achieving the standards.**

By looking at the data within Schoolzilla and from teacher notes and progress monitoring information the school will determine whether or not the plan is working for students. Also, by identifying those areas where there is consistent lack of growth, the school can identify the need to change the plan.

### **4. What process is followed by the school to revise the plan, as necessary, based on the evaluation, to ensure continuous improvement of students in the schoolwide program?**

Through the information pulled from the data throughout the school year, the staff will be able to determine whether the plan is working. If the plan is not working teachers will discuss the adjustments that are needed at PLC meetings. Data will be the factor that determined where the change will take place.

# **Waterloo School Improvement Plan 2017-18**

## Overview

### Plan Name

Waterloo School Improvement Plan 2017-18

### Plan Description

2017-18

## 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 Waterloo Elementary School will become proficient in the area of mathematics.	Objectives: 3 Strategies: 4 Activities: 22	Academic	\$1200
2	All students at Waterloo Elementary School will be proficient in the area of English Language Arts.	Objectives: 3 Strategies: 4 Activities: 30	Academic	\$133290
3	All students at Waterloo Elementary School will be proficient in the area of Social Studies.	Objectives: 2 Strategies: 4 Activities: 8	Organizational	\$0
4	All students at Waterloo Elementary School will be proficient in the area of Science.	Objectives: 2 Strategies: 4 Activities: 12	Academic	\$0

## Goal 1: All students at Waterloo Elementary School will become proficient in the area of mathematics.

### Measurable Objective 1:

80% of All Students will demonstrate a proficiency in Place Value, addition/subtraction & multiplication/division in Mathematics by 06/15/2018 as measured by District Assessments and data from the MSTEP assessment..

### (shared) Strategy 1:

Technology Integration - Teachers will integrate technology into math instruction to improve number sense, reasoning skills and mathematical communication..

Category: Technology

Research Cited: Transforming Education with Technology by Karen Cator, Flipping Blooms Taxonomy by Dr. James Norwood

Tier: Tier 1

Activity - Digital Tools for Communication	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in mathematics. Students will also utilize these resources for communicating understanding. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation. Explain Everything  and write and publish digital writing. Examples could include, but are not limited to: Google docs, forms, and presentations for collaboration, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers

Activity - Mobile Devices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have access to mobile devices and appropriate applications to support the math curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress for math (by use of the PMT).	Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, interventionist

## School Improvement Plan

Waterloo School

Activity - Technology for Self Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use technology for self-assessment and self monitoring of math concepts. This could include, but is not limited to: Accessing Dreambox reports, student digital portfolios.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/01/2021	\$0	No Funding Required	Waterloo Technology School Improvement Committee (to organize,pilot, plan and communicate), Building principal.

Activity - Dreambox Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Dreambox Learning will be utilized in Tier 1, Tier 2 and Tier 3 as a component of the district math curriculum. Dreambox Learning is a rigorous, adaptive, and individualized online program to promote math reasoning and number sense. Teacher will utilize the "Assign Focus" option to assign lessons appropriate for each students current level of understanding.	Technology , Academic Support Program, Materials	Tier 1	Monitor	09/01/2017	06/01/2021	\$0	General Fund	All teachers, interventionist, building principal

### (shared) Strategy 2:

Parental Involvement - District staff will increase parental involvement for the purpose of improving student achievement. This will enable parents to feel part of the learning community, be knowledgeable about school curriculum and goals, and interact with students and staff about learning. In an attempt to minimize transitions, build better relationships and create ownership of student progress, professional staff along with parents will work together to increase multi-year work with students. (Materials may need to be supplied to parents to assist them with helping their children at home and to participate in various school related activities that promote their understand of how best to support their child's learning.

Category: Other - Parental Involvement

Research Cited: Current research on parental involvement in education such as DuFour's book on PLC's was utilized. School, Family and Community Partnerships by Joyce Epstein.

Tier: Tier 1

Activity - Staff Professional Development - Parent/Family Involvement	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Staff will receive professional development that will support them with effectively communicating with parents in order to improve student achievement in the area of Mathematics. This activity is part of the ongoing PD support from the district on Ontological coaching.	Parent Involvement	Tier 1	Implement	09/01/2017	06/01/2021	\$0	No Funding Required	Building principal, school improvement coach, positive school climate liaison, classroom teachers, special education teachers, encore teachers.
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Activity - Family Partnership Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host Family Partnership Meetings during the fall and spring. During this time, teachers will discuss student, family and teacher expectations for each student's individual goals in mathematics.	Parent Involvement	Tier 1		06/29/2017	06/11/2021	\$0	No Funding Required	All teachers, building principal, positive school climate liaison, student service provider.

Activity - Family Math Events	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host family math events throughout the year to support students and families with math concepts. These events include but are not limited to: Family Dreambox Night, Family Math Strategy Night, Summer Dreambox incentives.	Parent Involvement, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$1200	Title I Part A	Building principal, school improvement coach, teachers, positive school climate liaison, student service provider.

## School Improvement Plan

Waterloo School

Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly Dreambox goals.	Parent Involvement, Behavioral Support Program, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, positive school climate liaison

Activity - Translation Services	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
When communicating with non-English speaking parents, translation services will utilized when possible.	Parent Involvement	Tier 1	Implement	06/29/2017	06/12/2020	\$0	Title III	Building principal, classroom teachers.

### (shared) Strategy 3:

Positive School Climate - Waterloo staff will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: School Culture

Research Cited: The work being done in the area is based on research of Dr. Marcia McElvoy.

Tier: Tier 1

Activity - Positive Behavior Intervention & Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will implement a system that supports positive behavior, clearly communicates expectations and celebrates success. Elements of PBIS include but are not limited to: PAWS tickets (Positive Actions of Waterloo Students), monthly community of learners assemblies, matrix of behavior expectations.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/12/2020	\$0	No Funding Required	Positive School Climate Committee, Positive School Climate Liaison, building principal, classroom teachers, special education teachers, encore teachers, interventionists, support staff, student service provider.
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Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly Dreambox goals.	Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, teacher leader, school improvement coach, positive school climate liaison.

Activity - Professional Learning Community	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	07/09/2021	\$0	Title II Part A	All instructional staff

## School Improvement Plan

Waterloo School

### (shared) Strategy 4:

Targeted Instruction. - Using a Collaborative Data Analysis framework, Waterloo instructional staff will analyze math data on a consistent basis in order to effectively target instruction for students and increase student achievement.

Category: Mathematics

Research Cited: MiExcel Data Convesations: Using Data to Inform Rapid Transformation and District School Improvement through Data Dialogues

Tier: Tier 1

Activity - Multi-Tiered Systems of Support (MTSS)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Multi-Tiered Systems of Support (MTSS) model will be utilized for targeted instruction and intervention. This includes providing high-quality, research based Tier 1 instruction, consistently identifying students who are not meeting expectations, providing appropriate interventions at all Tiers, monitoring progress and responding with an appropriate plan of action.	Other, Teacher Collaboration, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, MTSS leadership team, classroom teachers, special education teachers, interventionist.
Activity - Looping	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Looping refers to the practice of a teacher remaining with the same group of students for more than one school year. When feasible, Waterloo will implement looping in order to strengthen relationships with students and families, strengthen teacher content knowledge and support teacher collaboration.	Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, general education teachers.
Activity - Extended Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Based on ongoing math assessment data analysis, Tier 2 & 3 extended day learning opportunities will be available for students not meeting expectations.	Other - Data Analysis, Academic Support Program	Tier 2	Monitor	09/01/2017	06/11/2021	\$0	Title I Part A	Building principal, school improvement coach, interventionist

## School Improvement Plan

Waterloo School

Activity - Interventionist	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
In direct connection to the MTSS process, a math interventionist will provide Tier 2 intervention to students not meeting expectations in Place Value, Addition/Subtraction or Multiplication/Division. Resources for intervention include: "Do The Math" program by Marilyn Burns, Context for Learning Units, TERC Investigation Units, District identified "Just Right" math games.	Academic Support Program	Tier 2	Monitor	06/29/2017	06/11/2021	\$0	Title I Part A	Building principal, interventionist
Activity - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will receive professional development in the area of Math. Using district curriculum, this PD will support differentiated instruction, learning progressions, conferencing, collaborative planning, accountable talk and the workshop model. Opportunities for this PD are embedded in the coaching Plan, Teach, Debrief cycle and/or are available at building and district level PLC's.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/01/2021	\$0	Title II Part A	Building principal, school improvement coach, classroom teachers, general education teachers, core teachers, interventionists.
Activity - Coaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Plan, Teach, Debrief (PTD) coaching model will be implemented for all classroom teachers with at least 10 sessions per school year. Special education and encore teachers may also be a part of coaching sessions. This model will be used to create a culture of coaching and professional growth throughout the building.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	09/01/2017	06/01/2021	\$0	Title I Part A	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers.
Activity - Teacher use of Technology for Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

## School Improvement Plan

Waterloo School

Teachers will utilize technology resources to collect, organize and monitor student data for math concepts. Examples include: consistent use of Monroe Public School's Progress Monitoring Tool (PMT), Google Classroom for collaborative lesson planning and Schoolzilla data analysis.	Other, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, school improvement coach, interventionist.
<b>Activity - Math Goals</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Students will have individual reading goals that are intended to identify specific strategies or concepts that students need in order to meet expectations (as measured by District Common Assessments). In addition, students school wide will have an expected Dreambox Lesson goal (ex: 3 lessons/day). Dreambox goals will be monitored by classroom teachers.	Parent Involvement, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, encore teachers, school improvement coach, positive school climate liaison, student service provider, interventionists.
<b>Activity - Enrichment Liaison</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Academic Support Program, Direct Instruction	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Section 31a	Building principal, Enrichment Liaison, classroom teachers

## School Improvement Plan

Waterloo School

Activity - Dreambox Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Dreambox Learning will be utilized in Tier 1, Tier 2 and Tier 3 as a component of the district math curriculum. Dreambox Learning is a rigorous, adaptive, and individualized online program to promote math reasoning and number sense. Teacher will utilize the "Assign Focus" option to assign lessons appropriate for each students current level of understanding.	Technology , Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	General Fund	Building principal, all teachers, intervention ist

### Measurable Objective 2:

A 15% increase of Third, Fourth, Fifth and Sixth grade Students with Disabilities students will increase student growth in Multiplication & Division in Mathematics by 06/15/2018 as measured by District Common Assessments and MSTEP Assessments.

### (shared) Strategy 1:

Technology Integration - Teachers will integrate technology into math instruction to improve number sense, reasoning skills and mathematical communication..

Category: Technology

Research Cited: Transforming Education with Technology by Karen Cator, Flipping Blooms Taxonomy by Dr. James Norwood

Tier: Tier 1

Activity - Digital Tools for Communication	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in mathematics. Students will also utilize these resources for communicating understanding. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation. Explain Everything  and write and publish digital writing. Examples could include, but are not limited to: Google docs, forms, and presentations for collaboration, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers

Activity - Mobile Devices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have access to mobile devices and appropriate applications to support the math curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress for math (by use of the PMT).	Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, intervention ist

## School Improvement Plan

Waterloo School

Activity - Technology for Self Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use technology for self-assessment and self monitoring of math concepts. This could include, but is not limited to: Accessing Dreambox reports, student digital portfolios.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/01/2021	\$0	No Funding Required	Waterloo Technology School Improvement Committee (to organize,pilot, plan and communicate), Building principal.

Activity - Dreambox Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Dreambox Learning will be utilized in Tier 1, Tier 2 and Tier 3 as a component of the district math curriculum. Dreambox Learning is a rigorous, adaptive, and individualized online program to promote math reasoning and number sense. Teacher will utilize the "Assign Focus" option to assign lessons appropriate for each students current level of understanding.	Technology , Academic Support Program, Materials	Tier 1	Monitor	09/01/2017	06/01/2021	\$0	General Fund	All teachers, interventionist, building principal

### (shared) Strategy 2:

Parental Involvement - District staff will increase parental involvement for the purpose of improving student achievement. This will enable parents to feel part of the learning community, be knowledgeable about school curriculum and goals, and interact with students and staff about learning. In an attempt to minimize transitions, build better relationships and create ownership of student progress, professional staff along with parents will work together to increase multi-year work with students. (Materials may need to be supplied to parents to assist them with helping their children at home and to participate in various school related activities that promote their understand of how best to support their child's learning.

Category: Other - Parental Involvement

Research Cited: Current research on parental involvement in education such as DuFour's book on PLC's was utilized. School, Family and Community Partnerships by Joyce Epstein.

Tier: Tier 1

Activity - Staff Professional Development - Parent/Family Involvement	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Staff will receive professional development that will support them with effectively communicating with parents in order to improve student achievement in the area of Mathematics. This activity is part of the ongoing PD support from the district on Ontological coaching.	Parent Involvement	Tier 1	Implement	09/01/2017	06/01/2021	\$0	No Funding Required	Building principal, school improvement coach, positive school climate liaison, classroom teachers, special education teachers, encore teachers.
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Activity - Family Partnership Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host Family Partnership Meetings during the fall and spring. During this time, teachers will discuss student, family and teacher expectations for each student's individual goals in mathematics.	Parent Involvement	Tier 1		06/29/2017	06/11/2021	\$0	No Funding Required	All teachers, building principal, positive school climate liaison, student service provider.

Activity - Family Math Events	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host family math events throughout the year to support students and families with math concepts. These events include but are not limited to: Family Dreambox Night, Family Math Strategy Night, Summer Dreambox incentives.	Parent Involvement, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$1200	Title I Part A	Building principal, school improvement coach, teachers, positive school climate liaison, student service provider.

## School Improvement Plan

Waterloo School

Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly Dreambox goals.	Parent Involvement, Behavioral Support Program, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, positive school climate liaison
Activity - Translation Services	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
When communicating with non-English speaking parents, translation services will be utilized when possible.	Parent Involvement	Tier 1	Implement	06/29/2017	06/12/2020	\$0	Title III	Building principal, classroom teachers.

### (shared) Strategy 3:

Positive School Climate - Waterloo staff will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: School Culture

Research Cited: The work being done in the area is based on research of Dr. Marcia McElvoy.

Tier: Tier 1

Activity - Positive Behavior Intervention & Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will implement a system that supports positive behavior, clearly communicates expectations and celebrates success. Elements of PBIS include but are not limited to: PAWS tickets (Positive Actions of Waterloo Students), monthly community of learners assemblies, matrix of behavior expectations.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/12/2020	\$0	No Funding Required	Positive School Climate Committee, Positive School Climate Liaison, building principal, classroom teachers, special education teachers, encore teachers, interventionists, support staff, student service provider.
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Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly Dreambox goals.	Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, teacher leader, school improvement coach, positive school climate liaison.

Activity - Professional Learning Community	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	07/09/2021	\$0	Title II Part A	All instructional staff

## School Improvement Plan

Waterloo School

### (shared) Strategy 4:

Targeted Instruction. - Using a Collaborative Data Analysis framework, Waterloo instructional staff will analyze math data on a consistent basis in order to effectively target instruction for students and increase student achievement.

Category: Mathematics

Research Cited: MiExcel Data Convesations: Using Data to Inform Rapid Transformation and District School Improvement through Data Dialogues

Tier: Tier 1

Activity - Multi-Tiered Systems of Support (MTSS)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Multi-Tiered Systems of Support (MTSS) model will be utilized for targeted instruction and intervention. This includes providing high-quality, research based Tier 1 instruction, consistently identifying students who are not meeting expectations, providing appropriate interventions at all Tiers, monitoring progress and responding with an appropriate plan of action.	Other, Teacher Collaboration, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, MTSS leadership team, classroom teachers, special education teachers, intervention ist.
Activity - Looping	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Looping refers to the practice of a teacher remaining with the same group of students for more than one school year. When feasible, Waterloo will implement looping in order to strengthen relationships with students and families, strengthen teacher content knowledge and support teacher collaboration.	Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, general education teachers.
Activity - Extended Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Based on ongoing math assessment data analysis, Tier 2 & 3 extended day learning opportunities will be available for students not meeting expectations.	Other - Data Analysis, Academic Support Program	Tier 2	Monitor	09/01/2017	06/11/2021	\$0	Title I Part A	Building principal, school improvement coach, intervention ist

## School Improvement Plan

Waterloo School

Activity - Interventionist	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
In direct connection to the MTSS process, a math interventionist will provide Tier 2 intervention to students not meeting expectations in Place Value, Addition/Subtraction or Multiplication/Division. Resources for intervention include: "Do The Math" program by Marilyn Burns, Context for Learning Units, TERC Investigation Units, District identified "Just Right" math games.	Academic Support Program	Tier 2	Monitor	06/29/2017	06/11/2021	\$0	Title I Part A	Building principal, interventionist
Activity - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will receive professional development in the area of Math. Using district curriculum, this PD will support differentiated instruction, learning progressions, conferencing, collaborative planning, accountable talk and the workshop model. Opportunities for this PD are embedded in the coaching Plan, Teach, Debrief cycle and/or are available at building and district level PLC's.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/01/2021	\$0	Title II Part A	Building principal, school improvement coach, classroom teachers, general education teachers, core teachers, interventionists.
Activity - Coaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Plan, Teach, Debrief (PTD) coaching model will be implemented for all classroom teachers with at least 10 sessions per school year. Special education and encore teachers may also be a part of coaching sessions. This model will be used to create a culture of coaching and professional growth throughout the building.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	09/01/2017	06/01/2021	\$0	Title I Part A	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers.
Activity - Teacher use of Technology for Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

## School Improvement Plan

Waterloo School

Teachers will utilize technology resources to collect, organize and monitor student data for math concepts. Examples include: consistent use of Monroe Public School's Progress Monitoring Tool (PMT), Google Classroom for collaborative lesson planning and Schoolzilla data analysis.	Other, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, school improvement coach, interventionist.
<b>Activity - Math Goals</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Students will have individual reading goals that are intended to identify specific strategies or concepts that students need in order to meet expectations (as measured by District Common Assessments). In addition, students school wide will have an expected Dreambox Lesson goal (ex: 3 lessons/day). Dreambox goals will be monitored by classroom teachers.	Parent Involvement, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, encore teachers, school improvement coach, positive school climate liaison, student service provider, interventionists.
<b>Activity - Enrichment Liaison</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Academic Support Program, Direct Instruction	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Section 31a	Building principal, Enrichment Liaison, classroom teachers

## School Improvement Plan

Waterloo School

Activity - Dreambox Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Dreambox Learning will be utilized in Tier 1, Tier 2 and Tier 3 as a component of the district math curriculum. Dreambox Learning is a rigorous, adaptive, and individualized online program to promote math reasoning and number sense. Teacher will utilize the "Assign Focus" option to assign lessons appropriate for each students current level of understanding.	Technology , Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	General Fund	Building principal, all teachers, intervention ist

### Measurable Objective 3:

A 15% increase of Female students will increase student growth in Place Value, addition/subtraction & multiplication/division in Mathematics by 06/15/2018 as measured by District Common Assessments and MSTEP Assessments.

### (shared) Strategy 1:

Technology Integration - Teachers will integrate technology into math instruction to improve number sense, reasoning skills and mathematical communication..

Category: Technology

Research Cited: Transforming Education with Technology by Karen Cator, Flipping Blooms Taxonomy by Dr. James Norwood

Tier: Tier 1

Activity - Digital Tools for Communication	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in mathematics. Students will also utilize these resources for communicating understanding. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation. Explain Everything  and write and publish digital writing. Examples could include, but are not limited to: Google docs, forms, and presentations for collaboration, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers

Activity - Mobile Devices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have access to mobile devices and appropriate applications to support the math curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress for math (by use of the PMT).	Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, intervention ist

## School Improvement Plan

Waterloo School

Activity - Technology for Self Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use technology for self-assessment and self monitoring of math concepts. This could include, but is not limited to: Accessing Dreambox reports, student digital portfolios.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/01/2021	\$0	No Funding Required	Waterloo Technology School Improvement Committee (to organize,pilot, plan and communicate), Building principal.

Activity - Dreambox Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Dreambox Learning will be utilized in Tier 1, Tier 2 and Tier 3 as a component of the district math curriculum. Dreambox Learning is a rigorous, adaptive, and individualized online program to promote math reasoning and number sense. Teacher will utilize the "Assign Focus" option to assign lessons appropriate for each students current level of understanding.	Technology , Academic Support Program, Materials	Tier 1	Monitor	09/01/2017	06/01/2021	\$0	General Fund	All teachers, interventionist, building principal

### (shared) Strategy 2:

Parental Involvement - District staff will increase parental involvement for the purpose of improving student achievement. This will enable parents to feel part of the learning community, be knowledgeable about school curriculum and goals, and interact with students and staff about learning. In an attempt to minimize transitions, build better relationships and create ownership of student progress, professional staff along with parents will work together to increase multi-year work with students. (Materials may need to be supplied to parents to assist them with helping their children at home and to participate in various school related activities that promote their understand of how best to support their child's learning.

Category: Other - Parental Involvement

Research Cited: Current research on parental involvement in education such as DuFour's book on PLC's was utilized. School, Family and Community Partnerships by Joyce Epstein.

Tier: Tier 1

Activity - Staff Professional Development - Parent/Family Involvement	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Staff will receive professional development that will support them with effectively communicating with parents in order to improve student achievement in the area of Mathematics. This activity is part of the ongoing PD support from the district on Ontological coaching.	Parent Involvement	Tier 1	Implement	09/01/2017	06/01/2021	\$0	No Funding Required	Building principal, school improvement coach, positive school climate liaison, classroom teachers, special education teachers, encore teachers.
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Activity - Family Partnership Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host Family Partnership Meetings during the fall and spring. During this time, teachers will discuss student, family and teacher expectations for each student's individual goals in mathematics.	Parent Involvement	Tier 1		06/29/2017	06/11/2021	\$0	No Funding Required	All teachers, building principal, positive school climate liaison, student service provider.

Activity - Family Math Events	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host family math events throughout the year to support students and families with math concepts. These events include but are not limited to: Family Dreambox Night, Family Math Strategy Night, Summer Dreambox incentives.	Parent Involvement, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$1200	Title I Part A	Building principal, school improvement coach, teachers, positive school climate liaison, student service provider.

## School Improvement Plan

Waterloo School

Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly Dreambox goals.	Parent Involvement, Behavioral Support Program, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, positive school climate liaison

Activity - Translation Services	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
When communicating with non-English speaking parents, translation services will utilized when possible.	Parent Involvement	Tier 1	Implement	06/29/2017	06/12/2020	\$0	Title III	Building principal, classroom teachers.

### (shared) Strategy 3:

Positive School Climate - Waterloo staff will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: School Culture

Research Cited: The work being done in the area is based on research of Dr. Marcia McElvoy.

Tier: Tier 1

Activity - Positive Behavior Intervention & Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will implement a system that supports positive behavior, clearly communicates expectations and celebrates success. Elements of PBIS include but are not limited to: PAWS tickets (Positive Actions of Waterloo Students), monthly community of learners assemblies, matrix of behavior expectations.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/12/2020	\$0	No Funding Required	Positive School Climate Committee, Positive School Climate Liaison, building principal, classroom teachers, special education teachers, encore teachers, interventionists, support staff, student service provider.
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Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly Dreambox goals.	Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, teacher leader, school improvement coach, positive school climate liaison.

Activity - Professional Learning Community	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	07/09/2021	\$0	Title II Part A	All instructional staff

## School Improvement Plan

Waterloo School

### (shared) Strategy 4:

Targeted Instruction. - Using a Collaborative Data Analysis framework, Waterloo instructional staff will analyze math data on a consistent basis in order to effectively target instruction for students and increase student achievement.

Category: Mathematics

Research Cited: MiExcel Data Convesations: Using Data to Inform Rapid Transformation and District School Improvement through Data Dialogues

Tier: Tier 1

Activity - Multi-Tiered Systems of Support (MTSS)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Multi-Tiered Systems of Support (MTSS) model will be utilized for targeted instruction and intervention. This includes providing high-quality, research based Tier 1 instruction, consistently identifying students who are not meeting expectations, providing appropriate interventions at all Tiers, monitoring progress and responding with an appropriate plan of action.	Other, Teacher Collaboration, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, MTSS leadership team, classroom teachers, special education teachers, intervention ist.
Activity - Looping	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Looping refers to the practice of a teacher remaining with the same group of students for more than one school year. When feasible, Waterloo will implement looping in order to strengthen relationships with students and families, strengthen teacher content knowledge and support teacher collaboration.	Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, general education teachers.
Activity - Extended Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Based on ongoing math assessment data analysis, Tier 2 & 3 extended day learning opportunities will be available for students not meeting expectations.	Other - Data Analysis, Academic Support Program	Tier 2	Monitor	09/01/2017	06/11/2021	\$0	Title I Part A	Building principal, school improvement coach, intervention ist

## School Improvement Plan

Waterloo School

Activity - Interventionist	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
In direct connection to the MTSS process, a math interventionist will provide Tier 2 intervention to students not meeting expectations in Place Value, Addition/Subtraction or Multiplication/Division. Resources for intervention include: "Do The Math" program by Marilyn Burns, Context for Learning Units, TERC Investigation Units, District identified "Just Right" math games.	Academic Support Program	Tier 2	Monitor	06/29/2017	06/11/2021	\$0	Title I Part A	Building principal, interventionist
Activity - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will receive professional development in the area of Math. Using district curriculum, this PD will support differentiated instruction, learning progressions, conferencing, collaborative planning, accountable talk and the workshop model. Opportunities for this PD are embedded in the coaching Plan, Teach, Debrief cycle and/or are available at building and district level PLC's.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/01/2021	\$0	Title II Part A	Building principal, school improvement coach, classroom teachers, general education teachers, core teachers, interventionists.
Activity - Coaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Plan, Teach, Debrief (PTD) coaching model will be implemented for all classroom teachers with at least 10 sessions per school year. Special education and encore teachers may also be a part of coaching sessions. This model will be used to create a culture of coaching and professional growth throughout the building.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	09/01/2017	06/01/2021	\$0	Title I Part A	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers.
Activity - Teacher use of Technology for Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

## School Improvement Plan

Waterloo School

Teachers will utilize technology resources to collect, organize and monitor student data for math concepts. Examples include: consistent use of Monroe Public School's Progress Monitoring Tool (PMT), Google Classroom for collaborative lesson planning and Schoolzilla data analysis.	Other, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, school improvement coach, interventionist.
<b>Activity - Math Goals</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Students will have individual reading goals that are intended to identify specific strategies or concepts that students need in order to meet expectations (as measured by District Common Assessments). In addition, students school wide will have an expected Dreambox Lesson goal (ex: 3 lessons/day). Dreambox goals will be monitored by classroom teachers.	Parent Involvement, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, encore teachers, school improvement coach, positive school climate liaison, student service provider, interventionists.
<b>Activity - Enrichment Liaison</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Academic Support Program, Direct Instruction	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Section 31a	Building principal, Enrichment Liaison, classroom teachers

## School Improvement Plan

Waterloo School

Activity - Dreambox Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Dreambox Learning will be utilized in Tier 1, Tier 2 and Tier 3 as a component of the district math curriculum. Dreambox Learning is a rigorous, adaptive, and individualized online program to promote math reasoning and number sense. Teacher will utilize the "Assign Focus" option to assign lessons appropriate for each students current level of understanding.	Technology , Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	General Fund	Building principal, all teachers, intervention ist

## Goal 2: All students at Waterloo Elementary School will be proficient in the area of English Language Arts.

### Measurable Objective 1:

80% of All Students will demonstrate a proficiency in English Language Arts (Reading & Writing) in English Language Arts by 06/15/2018 as measured by District Common Assessments and MSTEP assessments..

### (shared) Strategy 1:

Positive School Climate - Waterloo staff will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: School Culture

Research Cited: Dr. Marcia McEvoy

Tier: Tier 1

Activity - Positive Behavior Intervention & Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will implement a system that supports positive behavior, clearly communicates expectations and celebrates success. Elements of PBIS include but are not limited to: PAWS tickets (Positive Actions of Waterloo Students), monthly community of learners assemblies, matrix of behavior expectations.	Behavioral Support Program, Community Engagement, Academic Support Program, Policy and Process	Tier 1	Getting Ready	09/01/2017	06/12/2020	\$0	No Funding Required	Positive School Climate Committee, Positive School Climate Liaison, building principal, classroom teachers, special education teachers, encore teachers, interventionists, support staff, student service provider.
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Activity - Mentoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize cross grade level mentoring and buddy reading programs. This includes but is not limited to: students from Monroe High School coming to Waterloo to read with students, upper elementary students reading with lower elementary students.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/18/2021	\$0	No Funding Required	Building principal, all teachers.

Activity - Anti-Bullying Supports	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will implement anti-bullying initiatives that support the district's policy on anti-bullying. Strategies include, but are not limited to: 15 second behavior intervention, small groups with the student service provider that focus on mean behavior and presentations for students, families and staff.	Behavioral Support Program	Tier 1	Getting Ready	09/01/2017	07/01/2021	\$0	No Funding Required	Positive School Climate Committee, Building principal, Student Service Provider, all teachers.



## School Improvement Plan

Waterloo School

Activity - Community Partnerships	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will continue partnerships with local community agencies in order to increase student proficiency in ELA. Current partnerships include: ProMedica Regional Hospital Monroe, Victory Gym, Monroe Bank and Trust, Department of Health and Human Services, and The Monroe County Library System.	Parent Involvement, Community Engagement	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Positive School Climate Committee, Building Principal, Positive School Climate Liaison

Activity - Professional Learning Communities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	09/01/2017	06/11/2021	\$5000	Title II Part A	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers, interventionists, enrichment liaison.

### (shared) Strategy 2:

Parent/Family Involvement - Staff will increase parental involvement for the purpose of improving student achievement. This will enable parents to be a part of the learning community, be knowledgeable about school curriculum and goals and interact with students and staff about learning. In an attempt to minimize transitions, build better relationships and create ownership of student progress, professional staff along with parents, will work together to increase multi-year work with students.

Category: Other - Parental Involvement

Research Cited: Everyday Engagement by Katy Ridnour, Current research about parental involvement in education such as DuFour's book, Professional Learning Communities At Work were utilized. Also, the resource School, Family and Community Partnerships by Joyce Epstein was utilized.

Tier: Tier 1

Activity - Staff Professional Development - Parent/Family Involvement	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Staff will receive professional development that will support them with effectively communicating with parents in order to improve student achievement in the area of English Language Arts. This activity is part of the ongoing PD support from the district on Ontological coaching.	Parent Involvement, Professional Learning, Teacher Collaboration	Tier 1		09/01/2016	06/14/2019	\$2000	Section 31a	Building principal Classroom teachers Special Education teachers Encore teachers
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Activity - Family Partnership Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host Family Partnership Meetings during the fall and spring. During this time, teachers will discuss student, family and teacher expectations for each student's individual goals in English Language Arts.	Parent Involvement	Tier 1	Monitor	09/01/2017	06/14/2019	\$0	No Funding Required	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider

Activity - Family Literacy Events	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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# School Improvement Plan

Waterloo School

Waterloo will host family literacy events throughout the year to support students and families with reading and writing. These events include but are not limited to: Family Library Night, Read-A-Thon, Family Reading Strategy Night, Summer Reading incentives.	Parent Involvement, Academic Support Program	Tier 1	Implement	09/01/2016	09/02/2019	\$1250	Title I Part A	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider Reading Interventionist
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Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly reading goals.	Parent Involvement, Behavioral Support Program, Community Engagement, Academic Support Program	Tier 1	Monitor	06/29/2017	06/19/2020	\$0	No Funding Required	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider Interventionists Enrichment Liaison

Activity - Workshop Showcase	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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# School Improvement Plan

Waterloo School

Waterloo will designate at least 2 days within the school year to host a Workshop Showcase. The purpose of this showcase is to engage families in the process of learning and highlight ways they can invest into their child's education. During this time, our philosophy of teaching and learning will be shared with an emphasis on STEAM teaching and learning and collaborative student conversations (accountable talk).	Parent Involvement, Behavioral Support Program, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2016	06/14/2019	\$0	No Funding Required	Building principal, classroom teachers, encore teachers, special education teachers, positive school climate liaison, student service provider, interventionists, enrichment liaison. Family Engagement sub-committee will plan and communicate expectations.
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Activity - Translation Services	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
When communicating with non-English speaking parents, translation services will be utilized when possible.	Parent Involvement, Behavioral Support Program, Academic Support Program	Tier 1	Implement	09/01/2016	06/12/2020	\$500	Title III	Building principal, classroom teachers, special education teachers, encore teachers, students service provider.

Activity - PTO	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo PTO will meet monthly. An emphasis will be placed on supporting students with reading achievement.	Parent Involvement	Tier 1	Monitor	06/29/2017	06/18/2021	\$0	No Funding Required	Teachers, building principal.
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### (shared) Strategy 3:

Technology Integration. - Waterloo instructional staff will use available technology effectively and consistently to support instruction and increase achievement in ELA. Staff will be integrate new technologies into their instructional plans and use technology for progress monitoring, differentiating, development of higher level thinking and communication amongst students in the area of ELA. The district will keep pace with advances in technology and monitor how technology devices are organized within buildings to enable efficient and appropriate use of these devices. Use of technology for professional development and professional collaboration will be encouraged and supported.

Category: Technology

Research Cited: Current research related to the use of technology in the classroom. References utilized include Integrating Differentiated Instruction by Design by Carol Ann Tomlinson, Connecting Comprehension and Technology by Harvey, Goudvis, Muhtaris & Kiemke

Tier: Tier 1

Activity - Digital Tools for Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will use digital resources and tools to support students with building upon their ELA knowledge. Students will use these tools to engage in inquiry, collaborate with one another, examine author's craft through multimedia, and write and publish digital writing. Examples could include, but are not limited to: Google docs, forms, and presentations for collaboration, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Technology School Improvement Committee, Building Principal, classroom teachers, special education teachers, encore teachers, intervention ists, and enrichment liaison.

Activity - Digital Tools for Collaboration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in ELA. Students in grades 3-6 will also utilize these resources for writing, editing and collaborating with peers. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation.	Technology , Teacher Collaborati on, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers
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Activity - Mobile Devices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsibility
Waterloo students will have access to mobile devices and appropriate applications to support the ELA curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress for ELA (by use of the PMT).	Technology , Academic Support Program	Tier 1		09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers

Activity - Technolgy for Self-Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsibility
Students will use technology for self-assessment and self monitoring of ELA concepts. This could include, but is not limited to: reading into an iPad application to monitor fluency, speech to text for writing, student digital portfolios.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Waterloo Technology School Improvement Committee (to organize, pilot, plan and communicate), Building principal.

Activity - Multimedia Digital Literacy	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsibility
Teachers will utilize technology resources enhance digital literacy, specifically non-fiction text. These resources could include but are not limited to: iPads, iPods, SMARTBoards, Chromebooks, digital magazines, streaming videos, virtual reality apps, robotics and coding materials.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers, intervention ists, enrichment liaison.

## School Improvement Plan

Waterloo School

### (shared) Strategy 4:

Targeted Instruction - Using a Collaborative Data Analysis framework, Waterloo instructional staff will analyze ELA data on a consistent basis in order to effectively target instruction for students and increase student achievement.

Category: English/Language Arts

Research Cited: MiExcel Data Convesations: Using Data to Inform Rapid Transformation and District School Improvement through Data Dialogues

Tier: Tier 1

Activity - Multi-Tiered Systems of Support (MTSS)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Multi-Tiered Systems of Support (MTSS) model will be utilized for targeted instruction and intervention. This includes providing high-quality, research based Tier 1 instruction, consistently identifying students who are not meeting expectations, providing appropriate interventions at all Tiers, monitoring progress and responding with an appropriate plan of action.	Behavioral Support Program, Teacher Collaboration, Academic Support Program, Policy and Process	Tier 1	Implement	09/01/2016	06/14/2019	\$27000	Title I Part A	Building principal, MTSS leadership team, classroom teachers, special education teachers, intervention ist.
Activity - Looping	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Looping refers to the practice of a teacher remaining with the same group of students for more than one school year. When feasible, Waterloo will implement looping in order to strengthen relationships with students and families, strengthen teacher content knowledge and support teacher collaboration.	Parent Involvement, Behavioral Support Program, Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2015	06/12/2020	\$0	No Funding Required	Building principal, classroom teachers, general education teachers.
Activity - Extended Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

## School Improvement Plan

Waterloo School

Based on ongoing ELA data analysis, Tier 2 & 3 extended day learning opportunities will be available for students not meeting expectations.	Academic Support Program	Tier 2	Implement	09/01/2017	06/19/2020	\$3040	Title I Part A	Building principal, school improvement coach, interventionists
<b>Activity - Interventionists</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
In direct connection to the MTSS process, an ELA interventionist will provide Tier 2 intervention to students not meeting expectations in ELA. Resources for intervention include: Fountas & Pinnell Leveled Literacy Intervention Program (LLI), Fountas & Pinnell Word Study, The Comprehension Toolkit, Teachers College Reading & Writing Project Units of Study (Lucy Calkins).	Academic Support Program	Tier 2	Implement	09/06/2017	06/19/2020	\$24000	Section 31a	Building principal, interventionist
<b>Activity - Professional Development</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Teachers will receive professional development in the area of ELA. Using district curriculum, this PD will support differentiated instruction, learning progressions, conferencing, collaborative planning, accountable talk and the workshop model. Opportunities for this PD are embedded in the coaching Plan, Teach, Debrief cycle and/or are available at building and district level PLC's.	Professional Learning, Curriculum Development, Teacher Collaboration, Direct Instruction	Tier 1	Implement	09/01/2017	06/12/2020	\$20000	Title I Part A	Building principal, school improvement coach, classroom teachers, general education teachers, encore teachers, interventionists.
<b>Activity - Integrated STEAM Curriculum</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>



## School Improvement Plan

Waterloo School

Teachers will utilize current curriculum and create integrated STEAM (Science, Technology, Engineering, Arts, and Mathematics) units for teaching and learning. The "Arts" portion of this integration will focus on student understanding of ELA expectations.	Behavioral Support Program, Teacher Collaboration, Academic Support Program, Direct Instruction, Recruitment and Retention	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers, interventionists, enrichment liaison.
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Activity - Coaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Plan, Teach, Debrief (PTD) coaching model will be implemented for all classroom teachers with at least 10 sessions per school year. Special education and encore teachers may also be a part of coaching sessions. This model will be used to create a culture of coaching and professional growth throughout the building.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	08/28/2015	06/11/2021	\$30000	Title I Part A	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers.

Activity - Teacher Collaboration - Co-planning & co-teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Classroom teachers will utilize ELA co-planning and co-teaching opportunities between grade level partners and/or special education teachers. This activity involves teachers working together with groups of students; sharing the planning, organization, delivery, and assessment of instruction.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/12/2020	\$0	No Funding Required	Classroom teachers, special education teachers, school improvement coach.

Activity - Teacher use of Technology for Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Teachers will utilize technology resources to collect, organize and monitor student data for ELA concepts. Examples include: consistent use of Monroe Public School's Progress Monitoring Tool (PMT), Google Classroom for collaborative lesson planning and Schoolzilla data analysis.	Technology , Teacher Collaborati on	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, school improvement coach, intervention ist, student service provider.
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Activity - Intervention Resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Interventionists and teachers will implement research based resources for Tier 1, 2 & 3 ELA intervention. Resources include: Fountas & Pinnell Leveled Literacy Intervention Program (LLI), Fountas & Pinnell Word Study, The Comprehension Toolkit, Teachers College Reading & Writing Project Units of Study (Lucy Calkins).	Academic Support Program	Tier 2	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, school improvement coach, classroom teachers, special education teachers, intervention ists.

Activity - ELL Supplemental Tutoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Supplemental tutoring will be provided for ELL students in the area of ELA.	Academic Support Program, Direct Instruction	Tier 2	Monitor	09/01/2017	06/18/2021	\$2500	Title III	District ELL tutor

Activity - Reading Goals	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Students will have individual reading goals that are intended to identify specific strategies or concepts that students need in order to achieve at the Benchmark Reading level (as measured by Fountas & Pinnell Benchmark Assessment). In addition, students school wide will have an expected reading frequency goal (ex: 20 minutes/day). Reading frequency goals will be monitored by classroom teachers.	Parent Involvement, Academic Support Program	Tier 1	Getting Ready	10/02/2017	07/01/2022	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, encore teachers, school improvement coach, positive school climate liaison, student service provider, interventionists.
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Activity - Enrichment Liaison	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Class Size Reduction, Teacher Collaboration, Academic Support Program	Tier 2	Implement	09/01/2017	06/11/2021	\$18000	Section 31a	Building principal, Enrichment Liaison, classroom teachers

### Measurable Objective 2:

A 15% increase of Female students will increase student growth in English Language Arts (Reading & Writing) in English Language Arts by 06/15/2018 as measured by District Common Assessments and MSTEP Assessments.

### (shared) Strategy 1:

Positive School Climate - Waterloo staff will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: School Culture

Research Cited: Dr. Marcia McEvoy

Tier: Tier 1

Activity - Positive Behavior Intervention & Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will implement a system that supports positive behavior, clearly communicates expectations and celebrates success. Elements of PBIS include but are not limited to: PAWS tickets (Positive Actions of Waterloo Students), monthly community of learners assemblies, matrix of behavior expectations.	Behavioral Support Program, Community Engagement, Academic Support Program, Policy and Process	Tier 1	Getting Ready	09/01/2017	06/12/2020	\$0	No Funding Required	Positive School Climate Committee, Positive School Climate Liaison, building principal, classroom teachers, special education teachers, encore teachers, interventionists, support staff, student service provider.
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Activity - Mentoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize cross grade level mentoring and buddy reading programs. This includes but is not limited to: students from Monroe High School coming to Waterloo to read with students, upper elementary students reading with lower elementary students.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/18/2021	\$0	No Funding Required	Building principal, all teachers.

Activity - Anti-Bullying Supports	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will implement anti-bullying initiatives that support the district's policy on anti-bullying. Strategies include, but are not limited to: 15 second behavior intervention, small groups with the student service provider that focus on mean behavior and presentations for students, families and staff.	Behavioral Support Program	Tier 1	Getting Ready	09/01/2017	07/01/2021	\$0	No Funding Required	Positive School Climate Committee, Building principal, Student Service Provider, all teachers.

## School Improvement Plan

Waterloo School

Activity - Community Partnerships	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will continue partnerships with local community agencies in order to increase student proficiency in ELA. Current partnerships include: ProMedica Regional Hospital Monroe, Victory Gym, Monroe Bank and Trust, Department of Health and Human Services, and The Monroe County Library System.	Parent Involvement, Community Engagement	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Positive School Climate Committee, Building Principal, Positive School Climate Liaison

Activity - Professional Learning Communities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	09/01/2017	06/11/2021	\$5000	Title II Part A	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers, interventionists, enrichment liaison.

### (shared) Strategy 2:

Parent/Family Involvement - Staff will increase parental involvement for the purpose of improving student achievement. This will enable parents to be a part of the learning community, be knowledgeable about school curriculum and goals and interact with students and staff about learning. In an attempt to minimize transitions, build better relationships and create ownership of student progress, professional staff along with parents, will work together to increase multi-year work with students.

Category: Other - Parental Involvement

Research Cited: Everyday Engagement by Katy Ridnour, Current research about parental involvement in education such as DuFour's book, Professional Learning Communities At Work were utilized. Also, the resource School, Family and Community Partnerships by Joyce Epstein was utilized.

Tier: Tier 1

Activity - Staff Professional Development - Parent/Family Involvement	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Staff will receive professional development that will support them with effectively communicating with parents in order to improve student achievement in the area of English Language Arts. This activity is part of the ongoing PD support from the district on Ontological coaching.	Parent Involvement, Professional Learning, Teacher Collaboration	Tier 1		09/01/2016	06/14/2019	\$2000	Section 31a	Building principal Classroom teachers Special Education teachers Encore teachers
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Activity - Family Partnership Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host Family Partnership Meetings during the fall and spring. During this time, teachers will discuss student, family and teacher expectations for each student's individual goals in English Language Arts.	Parent Involvement	Tier 1	Monitor	09/01/2017	06/14/2019	\$0	No Funding Required	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider

Activity - Family Literacy Events	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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# School Improvement Plan

Waterloo School

Waterloo will host family literacy events throughout the year to support students and families with reading and writing. These events include but are not limited to: Family Library Night, Read-A-Thon, Family Reading Strategy Night, Summer Reading incentives.	Parent Involvement, Academic Support Program	Tier 1	Implement	09/01/2016	09/02/2019	\$1250	Title I Part A	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider Reading Interventionist
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Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly reading goals.	Parent Involvement, Behavioral Support Program, Community Engagement, Academic Support Program	Tier 1	Monitor	06/29/2017	06/19/2020	\$0	No Funding Required	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider Interventionists Enrichment Liaison

Activity - Workshop Showcase	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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# School Improvement Plan

Waterloo School

<p>Waterloo will designate at least 2 days within the school year to host a Workshop Showcase. The purpose of this showcase is to engage families in the process of learning and highlight ways they can invest into their child's education. During this time, our philosophy of teaching and learning will be shared with an emphasis on STEAM teaching and learning and collaborative student conversations (accountable talk).</p>	<p>Parent Involvement, Behavioral Support Program, Teacher Collaboration, Academic Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/01/2016</p>	<p>06/14/2019</p>	<p>\$0</p>	<p>No Funding Required</p>	<p>Building principal, classroom teachers, encore teachers, special education teachers, positive school climate liaison, student service provider, interventionists, enrichment liaison. Family Engagement sub-committee will plan and communicate expectations.</p>
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Activity - Translation Services	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>When communicating with non-English speaking parents, translation services will be utilized when possible.</p>	<p>Parent Involvement, Behavioral Support Program, Academic Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/01/2016</p>	<p>06/12/2020</p>	<p>\$500</p>	<p>Title III</p>	<p>Building principal, classroom teachers, special education teachers, encore teachers, students service provider.</p>

Activity - PTO	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo PTO will meet monthly. An emphasis will be placed on supporting students with reading achievement.	Parent Involvement	Tier 1	Monitor	06/29/2017	06/18/2021	\$0	No Funding Required	Teachers, building principal.
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### (shared) Strategy 3:

Targeted Instruction - Using a Collaborative Data Analysis framework, Waterloo instructional staff will analyze ELA data on a consistent basis in order to effectively target instruction for students and increase student achievement.

Category: English/Language Arts

Research Cited: MiExcel Data Convesations: Using Data to Inform Rapid Transformation and District School Improvement through Data Dialogues

Tier: Tier 1

Activity - Multi-Tiered Systems of Support (MTSS)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Multi-Tiered Systems of Support (MTSS) model will be utilized for targeted instruction and intervention. This includes providing high-quality, research based Tier 1 instruction, consistently identifying students who are not meeting expectations, providing appropriate interventions at all Tiers, monitoring progress and responding with an appropriate plan of action.	Behavioral Support Program, Teacher Collaboration, Academic Support Program, Policy and Process	Tier 1	Implement	09/01/2016	06/14/2019	\$27000	Title I Part A	Building principal, MTSS leadership team, classroom teachers, special education teachers, intervention ist.

Activity - Looping	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Looping refers to the practice of a teacher remaining with the same group of students for more than one school year. When feasible, Waterloo will implement looping in order to strengthen relationships with students and families, strengthen teacher content knowledge and support teacher collaboration.	Parent Involvement, Behavioral Support Program, Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2015	06/12/2020	\$0	No Funding Required	Building principal, classroom teachers, general education teachers.

## School Improvement Plan

Waterloo School

Activity - Extended Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Based on ongoing ELA data analysis, Tier 2 & 3 extended day learning opportunities will be available for students not meeting expectations.	Academic Support Program	Tier 2	Implement	09/01/2017	06/19/2020	\$3040	Title I Part A	Building principal, school improvement coach, interventionists
Activity - Interventionists	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
In direct connection to the MTSS process, an ELA interventionist will provide Tier 2 intervention to students not meeting expectations in ELA. Resources for intervention include: Fountas & Pinnell Leveled Literacy Intervention Program (LLI), Fountas & Pinnell Word Study, The Comprehension Toolkit, Teachers College Reading & Writing Project Units of Study (Lucy Calkins).	Academic Support Program	Tier 2	Implement	09/06/2017	06/19/2020	\$24000	Section 31a	Building principal, interventionist
Activity - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will receive professional development in the area of ELA. Using district curriculum, this PD will support differentiated instruction, learning progressions, conferencing, collaborative planning, accountable talk and the workshop model. Opportunities for this PD are embedded in the coaching Plan, Teach, Debrief cycle and/or are available at building and district level PLC's.	Professional Learning, Curriculum Development, Teacher Collaboration, Direct Instruction	Tier 1	Implement	09/01/2017	06/12/2020	\$20000	Title I Part A	Building principal, school improvement coach, classroom teachers, general education teachers, encore teachers, interventionists.
Activity - Integrated STEAM Curriculum	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

## School Improvement Plan

Waterloo School

Teachers will utilize current curriculum and create integrated STEAM (Science, Technology, Engineering, Arts, and Mathematics) units for teaching and learning. The "Arts" portion of this integration will focus on student understanding of ELA expectations.	Behavioral Support Program, Teacher Collaboration, Academic Support Program, Direct Instruction, Recruitment and Retention	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers, interventionists, enrichment liaison.
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Activity - Coaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Plan, Teach, Debrief (PTD) coaching model will be implemented for all classroom teachers with at least 10 sessions per school year. Special education and encore teachers may also be a part of coaching sessions. This model will be used to create a culture of coaching and professional growth throughout the building.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	08/28/2015	06/11/2021	\$30000	Title I Part A	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers.

Activity - Teacher Collaboration - Co-planning & co-teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Classroom teachers will utilize ELA co-planning and co-teaching opportunities between grade level partners and/or special education teachers. This activity involves teachers working together with groups of students; sharing the planning, organization, delivery, and assessment of instruction.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/12/2020	\$0	No Funding Required	Classroom teachers, special education teachers, school improvement coach.

Activity - Teacher use of Technology for Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Teachers will utilize technology resources to collect, organize and monitor student data for ELA concepts. Examples include: consistent use of Monroe Public School's Progress Monitoring Tool (PMT), Google Classroom for collaborative lesson planning and Schoolzilla data analysis.	Technology , Teacher Collaborati on	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, school improvement coach, interventionist, student service provider.
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Activity - Intervention Resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Interventionists and teachers will implement research based resources for Tier 1, 2 & 3 ELA intervention. Resources include: Fountas & Pinnell Leveled Literacy Intervention Program (LLI), Fountas & Pinnell Word Study, The Comprehension Toolkit, Teachers College Reading & Writing Project Units of Study (Lucy Calkins).	Academic Support Program	Tier 2	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, school improvement coach, classroom teachers, special education teachers, interventionists.

Activity - ELL Supplemental Tutoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Supplemental tutoring will be provided for ELL students in the area of ELA.	Academic Support Program, Direct Instruction	Tier 2	Monitor	09/01/2017	06/18/2021	\$2500	Title III	District ELL tutor

Activity - Reading Goals	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Students will have individual reading goals that are intended to identify specific strategies or concepts that students need in order to achieve at the Benchmark Reading level (as measured by Fountas & Pinnell Benchmark Assessment). In addition, students school wide will have an expected reading frequency goal (ex: 20 minutes/day). Reading frequency goals will be monitored by classroom teachers.	Parent Involvement, Academic Support Program	Tier 1	Getting Ready	10/02/2017	07/01/2022	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, encore teachers, school improvement coach, positive school climate liaison, student service provider, interventionists.
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Activity - Enrichment Liaison	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Class Size Reduction, Teacher Collaboration, Academic Support Program	Tier 2	Implement	09/01/2017	06/11/2021	\$18000	Section 31a	Building principal, Enrichment Liaison, classroom teachers

### Measurable Objective 3:

A 15% increase of Third, Fourth, Fifth and Sixth grade Students with Disabilities students will increase student growth in English Language Arts (Reading & Writing) in English Language Arts by 06/15/2018 as measured by District Common Assessments and MSTEP Assessments.

### (shared) Strategy 1:

Technology Integration. - Waterloo instructional staff will use available technology effectively and consistently to support instruction and increase achievement in ELA. Staff will be integrate new technologies into their instructional plans and use technology for progress monitoring, differentiating, development of higher level thinking and communication amongst students in the area of ELA. The district will keep pace with advances in technology and monitor how technology devices are organized within buildings to enable efficient and appropriate use of these devices. Use of technology for professional development and professional collaboration will be encouraged and supported.

Category: Technology

Research Cited: Current research related to the use of technology in the classroom. References utilized include Integrating Differentiated Instruction by Design by Carol Ann Tomlinson, Connecting Comprehension and Technology by Harvey, Goudvis, Muhtarvis & Kiemke

## School Improvement Plan

Waterloo School

Tier: Tier 1

Activity - Digital Tools for Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will use digital resources and tools to support students with building upon their ELA knowledge. Students will use these tools to engage in inquiry, collaborate with one another, examine author's craft through multimedia, and write and publish digital writing. Examples could include, but are not limited to: Google docs, forms, and presentations for collaboration, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Technology School Improvement Committee, Building Principal, classroom teachers, special education teachers, encore teachers, interventionists, and enrichment liaison.
Activity - Digital Tools for Collaboration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in ELA. Students in grades 3-6 will also utilize these resources for writing, editing and collaborating with peers. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation.	Technology , Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers
Activity - Mobile Devices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have access to mobile devices and appropriate applications to support the ELA curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress for ELA (by use of the PMT).	Technology , Academic Support Program	Tier 1		09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers

## School Improvement Plan

Waterloo School

Activity - Technology for Self-Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use technology for self-assessment and self monitoring of ELA concepts. This could include, but is not limited to: reading into an iPad application to monitor fluency, speech to text for writing, student digital portfolios.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Waterloo Technology School Improvement Committee (to organize, pilot, plan and communicate), Building principal.

Activity - Multimedia Digital Literacy	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will utilize technology resources enhance digital literacy, specifically non-fiction text. These resources could include but are not limited to: iPads, iPods, SMARTBoards, Chromebooks, digital magazines, streaming videos, virtual reality apps, robotics and coding materials.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers, interventionists, enrichment liaison.

### (shared) Strategy 2:

Targeted Instruction - Using a Collaborative Data Analysis framework, Waterloo instructional staff will analyze ELA data on a consistent basis in order to effectively target instruction for students and increase student achievement.

Category: English/Language Arts

Research Cited: MiExcel Data Conversations: Using Data to Inform Rapid Transformation and District School Improvement through Data Dialogues

Tier: Tier 1

Activity - Multi-Tiered Systems of Support (MTSS)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

The Multi-Tiered Systems of Support (MTSS) model will be utilized for targeted instruction and intervention. This includes providing high-quality, research based Tier 1 instruction, consistently identifying students who are not meeting expectations, providing appropriate interventions at all Tiers, monitoring progress and responding with an appropriate plan of action.	Behavioral Support Program, Teacher Collaboration, Academic Support Program, Policy and Process	Tier 1	Implement	09/01/2016	06/14/2019	\$27000	Title I Part A	Building principal, MTSS leadership team, classroom teachers, special education teachers, interventionist.
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Activity - Looping	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Looping refers to the practice of a teacher remaining with the same group of students for more than one school year. When feasible, Waterloo will implement looping in order to strengthen relationships with students and families, strengthen teacher content knowledge and support teacher collaboration.	Parent Involvement, Behavioral Support Program, Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2015	06/12/2020	\$0	No Funding Required	Building principal, classroom teachers, general education teachers.

Activity - Extended Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Based on ongoing ELA data analysis, Tier 2 & 3 extended day learning opportunities will be available for students not meeting expectations.	Academic Support Program	Tier 2	Implement	09/01/2017	06/19/2020	\$3040	Title I Part A	Building principal, school improvement coach, interventionists

Activity - Interventionists	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

In direct connection to the MTSS process, an ELA interventionist will provide Tier 2 intervention to students not meeting expectations in ELA. Resources for intervention include: Fountas & Pinnell Leveled Literacy Intervention Program (LLI), Fountas & Pinnell Word Study, The Comprehension Toolkit, Teachers College Reading & Writing Project Units of Study (Lucy Calkins).	Academic Support Program	Tier 2	Implement	09/06/2017	06/19/2020	\$24000	Section 31a	Building principal, interventionist
<b>Activity - Professional Development</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Teachers will receive professional development in the area of ELA. Using district curriculum, this PD will support differentiated instruction, learning progressions, conferencing, collaborative planning, accountable talk and the workshop model. Opportunities for this PD are embedded in the coaching Plan, Teach, Debrief cycle and/or are available at building and district level PLC's.	Professional Learning, Curriculum Development, Teacher Collaboration, Direct Instruction	Tier 1	Implement	09/01/2017	06/12/2020	\$20000	Title I Part A	Building principal, school improvement coach, classroom teachers, general education teachers, encore teachers, interventionists.
<b>Activity - Integrated STEAM Curriculum</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Teachers will utilize current curriculum and create integrated STEAM (Science, Technology, Engineering, Arts, and Mathematics) units for teaching and learning. The "Arts" portion of this integration will focus on student understanding of ELA expectations.	Behavioral Support Program, Teacher Collaboration, Academic Support Program, Direct Instruction, Recruitment and Retention	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers, interventionists, enrichment liaison.
<b>Activity - Coaching</b>	<b>Activity Type</b>	<b>Tier</b>	<b>Phase</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>

## School Improvement Plan

Waterloo School

A Plan, Teach, Debrief (PTD) coaching model will be implemented for all classroom teachers with at least 10 sessions per school year. Special education and encore teachers may also be a part of coaching sessions. This model will be used to create a culture of coaching and professional growth throughout the building.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	08/28/2015	06/11/2021	\$30000	Title I Part A	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers.
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Activity - Teacher Collaboration - Co-planning & co-teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Classroom teachers will utilize ELA co-planning and co-teaching opportunities between grade level partners and/or special education teachers. This activity involves teachers working together with groups of students; sharing the planning, organization, delivery, and assessment of instruction.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/12/2020	\$0	No Funding Required	Classroom teachers, special education teachers, school improvement coach.

Activity - Teacher use of Technology for Data Analysis	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will utilize technology resources to collect, organize and monitor student data for ELA concepts. Examples include: consistent use of Monroe Public School's Progress Monitoring Tool (PMT), Google Classroom for collaborative lesson planning and Schoolzilla data analysis.	Technology, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, school improvement coach, interventionist, student service provider.

Activity - Intervention Resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Interventionists and teachers will implement research based resources for Tier 1, 2 & 3 ELA intervention. Resources include: Fountas & Pinnell Leveled Literacy Intervention Program (LLI), Fountas & Pinnell Word Study, The Comprehension Toolkit, Teachers College Reading & Writing Project Units of Study (Lucy Calkins).	Academic Support Program	Tier 2	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, school improvement coach, classroom teachers, special education teachers, interventionists.
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Activity - ELL Supplemental Tutoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Supplemental tutoring will be provided for ELL students in the area of ELA.	Academic Support Program, Direct Instruction	Tier 2	Monitor	09/01/2017	06/18/2021	\$2500	Title III	District ELL tutor

Activity - Reading Goals	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will have individual reading goals that are intended to identify specific strategies or concepts that students need in order to achieve at the Benchmark Reading level (as measured by Fountas & Pinnell Benchmark Assessment). In addition, students school wide will have an expected reading frequency goal (ex: 20 minutes/day). Reading frequency goals will be monitored by classroom teachers.	Parent Involvement, Academic Support Program	Tier 1	Getting Ready	10/02/2017	07/01/2022	\$0	No Funding Required	Building principal, classroom teachers, special education teachers, encore teachers, school improvement coach, positive school climate liaison, student service provider, interventionists.

Activity - Enrichment Liaison	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Class Size Reduction, Teacher Collaboration, Academic Support Program	Tier 2	Implement	09/01/2017	06/11/2021	\$18000	Section 31a	Building principal, Enrichment Liaison, classroom teachers
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## Goal 3: All students at Waterloo Elementary School will be proficient in the area of Social Studies.

### Measurable Objective 1:

demonstrate a proficiency of at least 80% for all students in the area of Social Studies by 06/15/2018 as measured by District Common Assessments and MSTEP Assessments.

### (shared) Strategy 1:

Positive School Climate. - Waterloo staff will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: Social Studies

Research Cited: Dr. Marcia McEvoy

Tier: Tier 1

Activity - Community Partnerships	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will continue partnerships with local community agencies in order to increase student proficiency in Social Studies. Current partnerships include: ProMedica Regional Hospital Monroe, Victory Gym, Monroe Bank and Trust, Department of Health and Human Services, and The Monroe County Library System. We would like to move forward with creating a partnership with the Monroe Historical Society and River Raisin Battlefield.	Community Engagement, Academic Support Program	Tier 1	Implement	06/29/2017	06/11/2021	\$0	No Funding Required	Positive School Climate Committee, Building Principal, Positive School Climate Liaison

Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly goals.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Positive School Climate Liaison, Building principal, Positive School Climate Committee
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Activity - Professional Learning Communities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Teacher Collaboration	Tier 1		09/01/2017	06/12/2020	\$0	Title II Part A	All instructional staff

### (shared) Strategy 2:

Parent/Family Involvement - Staff will increase parent/family involvement for the purpose of improving student achievement. This will enable parents to be a part of the learning community, be knowledgeable about school curriculum and goals and interact with students and staff about learning. In an attempt to minimize transitions, build better relationships and create ownership of student progress, professional staff along with parents, will work together to increase multi-year work with students.

Category: Social Studies

Research Cited: Everyday Engagement by Katy Ridnour, Current research about parental involvement in education such as DuFour's book, Professional Learning Communities At Work were utilized. Also, the resource School, Family and Community Partnerships by Joyce Epstein was utilized.

Tier: Tier 1

Activity - Career Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will host a career day for families and community members to share information about their careers with students.	Parent Involvement, Community Engagement	Tier 1		09/01/2017	06/01/2021	\$0	No Funding Required	Positive School Climate Liaison, Positive School Climate School Improvement Committee, Building Principal.
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### (shared) Strategy 3:

Technology Integration. - Waterloo instructional staff will use available technology effectively and consistently to support instruction and increase achievement in Social Studies. Staff will be integrate new technologies into their instructional plans and use technology for progress monitoring, differentiating, development of higher level thinking and communication amongst students in the area of Social Studies. The district will keep pace with advances in technology and monitor how technology devices are organized

within buildings to enable efficient and appropriate use of these devices. Use of technology for professional development and professional collaboration will be encouraged and supported.

Category: Technology

Research Cited: Current research related to the use of technology in the classroom. References utilized include Integrating Differentiated Instruction by Design by Carol Ann Tomlinson, Connecting Comprehension and Technology by Harvey, Goudvis, Muhtaris & Kiemke

Tier: Tier 1

Activity - Digital Tools for Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will use digital resources and tools to support students with building upon their Social Studies knowledge. Students will use these tools to engage in inquiry, collaborate with one another and research social studies concepts. Students will also use digital tools to explain their understanding. Examples could include, but are not limited to: Google docs, forms, and presentations, iMovie, Padlet, QR codes, and Kahoot.	Technology, Academic Support Program	Tier 1	Implement	09/01/2017	06/12/2020	\$0	No Funding Required	Technology School Improvement Committee, Building Principal, classroom teachers, special education teachers, and enrichment liaison.

## School Improvement Plan

Waterloo School

Activity - Mobile Devices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have access to mobile devices and appropriate applications to support the Social Studies curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers

### (shared) Strategy 4:

Targeted Instruction. - Using a Collaborative Data Analysis framework, Waterloo instructional staff will analyze data on a consistent basis in order to effectively target instruction for students and increase student achievement.

Category: Social Studies

Research Cited: MiExcel Data Convesations: Using Data to Inform Rapid Transformation and District School Improvement through Data Dialogues

Tier: Tier 1

Activity - Project Based Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will implement project based and interest based learning in social studies.	Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/12/2020	\$0	No Funding Required	Building principals, classroom teachers, enrichment liaison.

Activity - Generation E	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Generation E features action-based learning and gives youth hands-on experiential learning through critical thinking exercises, problem solving activities, and research that encourage discussions and turn abstract principles into practical actions and create their own business ventures. Waterloo teachers will utilize the resources of Generation E to provide experiences for students that support expected social studies concepts.	Parent Involvement, Teacher Collaboration, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/17/2022	\$0	Other	Fine Arts Teacher, Robotics Teacher, Classroom teachers, School Improvement Coach, Building Principal.

## School Improvement Plan

Waterloo School

### Measurable Objective 2:

increase student growth for all non-Caucasian students by 06/15/2018 as measured by District Common Assessments and MSTEP Assessments.

### (shared) Strategy 1:

Positive School Climate. - Waterloo staff will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: Social Studies

Research Cited: Dr. Marcia McEvoy

Tier: Tier 1

Activity - Community Partnerships	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will continue partnerships with local community agencies in order to increase student proficiency in Social Studies. Current partnerships include: ProMedica Regional Hospital Monroe, Victory Gym, Monroe Bank and Trust, Department of Health and Human Services, and The Monroe County Library System. We would like to move forward with creating a partnership with the Monroe Historical Society and River Raisin Battlefield.	Community Engagement, Academic Support Program	Tier 1	Implement	06/29/2017	06/11/2021	\$0	No Funding Required	Positive School Climate Committee, Building Principal, Positive School Climate Liaison
Activity - Community of Learners Celebration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly goals.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	No Funding Required	Positive School Climate Liaison, Building principal, Positive School Climate Committee
Activity - Professional Learning Communities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible



## School Improvement Plan

Waterloo School

A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Teacher Collaboration	Tier 1		09/01/2017	06/12/2020	\$0	Title II Part A	All instructional staff
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### (shared) Strategy 2:

Parent/Family Involvement - Staff will increase parent/family involvement for the purpose of improving student achievement. This will enable parents to be a part of the learning community, be knowledgeable about school curriculum and goals and interact with students and staff about learning. In an attempt to minimize transitions, build better relationships and create ownership of student progress, professional staff along with parents, will work together to increase multi-year work with students.

Category: Social Studies

Research Cited: Everyday Engagement by Katy Ridnour, Current research about parental involvement in education such as DuFour's book, Professional Learning Communities At Work were utilized. Also, the resource School, Family and Community Partnerships by Joyce Epstein was utilized.

Tier: Tier 1

Activity - Career Day	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will host a career day for families and community members to share information about their careers with students.	Parent Involvement, Community Engagement	Tier 1		09/01/2017	06/01/2021	\$0	No Funding Required	Positive School Climate Liaison, Positive School Climate School Improvement Committee, Building Principal.

### (shared) Strategy 3:

Technology Integration. - Waterloo instructional staff will use available technology effectively and consistently to support instruction and increase achievement in Social Studies. Staff will be integrate new technologies into their instructional plans and use technology for progress monitoring, differentiating, development of higher level thinking and communication amongst students in the area of Social Studies. The district will keep pace with advances in technology and monitor how technology devices are organized

within buildings to enable efficient and appropriate use of these devices. Use of technology for professional development and professional collaboration will be encouraged and supported.

Category: Technology

## School Improvement Plan

Waterloo School

Research Cited: Current research related to the use of technology in the classroom. References utilized include Integrating Differentiated Instruction by Design by Carol Ann Tomlinson, Connecting Comprehension and Technology by Harvey, Goudvis, Muhtaris & Kiemke

Tier: Tier 1

Activity - Digital Tools for Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will use digital resources and tools to support students with building upon their Social Studies knowledge. Students will use these tools to engage in inquiry, collaborate with one another and research social studies concepts. Students will also use digital tools to explain their understanding. Examples could include, but are not limited to: Google docs, forms, and presentations, iMovie, Padlet, QR codes, and Kahoot.	Technology, Academic Support Program	Tier 1	Implement	09/01/2017	06/12/2020	\$0	No Funding Required	Technology School Improvement Committee, Building Principal, classroom teachers, special education teachers, and enrichment liaison.

Activity - Mobile Devices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have access to mobile devices and appropriate applications to support the Social Studies curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress.	Technology, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers

### (shared) Strategy 4:

Targeted Instruction. - Using a Collaborative Data Analysis framework, Waterloo instructional staff will analyze data on a consistent basis in order to effectively target instruction for students and increase student achievement.

Category: Social Studies

Research Cited: MiExcel Data Conversations: Using Data to Inform Rapid Transformation and District School Improvement through Data Dialogues

Tier: Tier 1

## School Improvement Plan

Waterloo School

Activity - Project Based Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will implement project based and interest based learning in social studies.	Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/12/2020	\$0	No Funding Required	Building principals, classroom teachers, enrichment liaison.

Activity - Generation E	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Generation E features action-based learning and gives youth hands-on experiential learning through critical thinking exercises, problem solving activities, and research that encourage discussions and turn abstract principles into practical actions and create their own business ventures. Waterloo teachers will utilize the resources of Generation E to provide experiences for students that support expected social studies concepts.	Parent Involvement, Teacher Collaboration, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/17/2022	\$0	Other	Fine Arts Teacher, Robotics Teacher, Classroom teachers, School Improvement Coach, Building Principal.

## Goal 4: All students at Waterloo Elementary School will be proficient in the area of Science.

### Measurable Objective 1:

80% of All Students will demonstrate a proficiency of understanding in Science by 06/15/2018 as measured by District Common Assessments and MSTEP Assessments.

### (shared) Strategy 1:

Positive School Climate - Waterloo will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: School Culture

Tier: Tier 1

Activity - STEAM Fair	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Students will participate in the engineering process to create a STEAM project to be showcased during a school-wide STEAM Fair.	Parent Involvement, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/15/2018	\$0	No Funding Required	Positive School Climate Committee, Parent Engagement Committee, Positive School Climate Liaison, Building Principal, all teachers
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Activity - Guest Speakers	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Guest speakers will be invited to Waterloo to discuss topics connected with science curriculum	Community Engagement	Tier 1	Getting Ready	09/01/2017	06/15/2018	\$0	No Funding Required	Positive School Climate Committee, Building principal, all teachers.

Activity - Professional Learning Communities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/04/2021	\$0	Title II Part A	All Instructional staff

### (shared) Strategy 2:

Technology Integration - Instructional staff will use technology available from the district and through supplemental resources more effectively and consistently to support instruction and increase achievement in Science.

Category: Technology

Research Cited: Transforming Education with Technology by Karen Cator.

Tier: Tier 1

## School Improvement Plan

Waterloo School

Activity - Digital Tools for Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will use digital resources and tools to support students with building upon their science knowledge. Students will use these tools to engage in inquiry, collaborate with one another, examine multimedia, and write and publish digital writing. Examples could include, but are not limited to: STEMscopes, Google docs, Google forms, and Google presentation, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1		09/01/2017	06/01/2021	\$0	No Funding Required	Building principal, all teachers

Activity - Digital Tools for Collaboration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in science. Students in grades 3-6 will also utilize these resources for researching and collaborating with peers. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation.	Technology , Academic Support Program	Tier 1		09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers, enrichment liaison

### (shared) Strategy 3:

Targeted Instruction - Teachers will participate in PLC meetings.

Category: Science

Tier: Tier 1

Activity - Integrated STEAM Curriculum	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will utilize current curriculum and create integrated STEAM (Science, Technology, Engineering, Arts, and Mathematics) units for teaching and learning. The Science portion of this integration will focus on student understanding of Science expectations. This could also include project based learning.	Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	All Teachers, building principal, enrichment liaison.

Activity - Enrichment Liaison	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Class Size Reduction, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Section 31a	Enrichment Liaison, Building Principal

## School Improvement Plan

Waterloo School

Activity - Robotics	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have Robotics as an Encore. This opportunity is designed to emphasize the "Technology" component of STEAM.	Academic Support Program	Tier 1	Implement	09/01/2017	06/01/2021	\$0	No Funding Required	Robotics Teacher
Activity - Curriculum Extensions	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will utilize the resources to extend and enrich the curriculum for students during Intervention/Enrichment time. Examples in Engineering is Elementary, Civil Air Patrol STEM kids, Engineering resources. Engineering is Elementary is a engineering curriculum designed to support students with developing 21st century skills in science and math, create classroom equity and produce engaged citizens.	Academic Support Program	Tier 1	Implement	09/01/2017	06/19/2020	\$0	Title I Part A	Enrichment Liaison, classroom teachers
Activity - Field Trips	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have access to field trips (virtual or real life) in order to enhance and supplement learning in science. Ex: Knabusch Center	Field Trip	Tier 1	Implement	09/01/2017	06/11/2021	\$0	General Fund	Classroom teachers

### (shared) Strategy 4:

Parent Involvement - Staff will increase parental involvement for the purpose of improving student achievement.

Category:

Research Cited: Everyday Engagement by Katy Ridnouer

Tier: Tier 1

Activity - STEAM Fair	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will participate in the engineering process to create a STEAM project to be showcased during a school-wide STEAM Fair that families will be invited to attend.	Parent Involvement	Tier 1	Implement	06/30/2017	06/18/2021	\$0	No Funding Required	Parent Involvement Committee, Positive School Climate Committee, building principal, all teachers.

## School Improvement Plan

Waterloo School

Activity - STEAM Night	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Families will participate in an evening of science and engineering exploration in connection with Waterloo's STEAM Fair.	Parent Involvement	Tier 1	Implement	09/08/2017	07/09/2021	\$0	No Funding Required	Parent Involvement Committee, building principal, school improvement coach, positive school climate liaison

### Measurable Objective 2:

A 15% increase of Female students will increase student growth in understanding in Science by 06/15/2018 as measured by District Common Assessments and MSTEP Assessments.

### (shared) Strategy 1:

Positive School Climate - Waterloo will promote a positive school climate where students and staff are accepting of cultural and individual differences and value understanding of these differences as an important part of the learning process.

Category: School Culture

Tier: Tier 1

Activity - STEAM Fair	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will participate in the engineering process to create a STEAM project to be showcased during a school-wide STEAM Fair.	Parent Involvement, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/15/2018	\$0	No Funding Required	Positive School Climate Committee, Parent Engagement Committee, Positive School Climate Liaison, Building Principal, all teachers

## School Improvement Plan

Waterloo School

Activity - Guest Speakers	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Guest speakers will be invited to Waterloo to discuss topics connected with science curriculum	Community Engagement	Tier 1	Getting Ready	09/01/2017	06/15/2018	\$0	No Funding Required	Positive School Climate Committee, Building principal, all teachers.

Activity - Professional Learning Communities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/04/2021	\$0	Title II Part A	All Instructional staff

### (shared) Strategy 2:

Technolgy Integration - Instructional staff will use technology available from the district and through supplemental resources more effectively and consistently to support instruction and increase achievement in Science.

Category: Technology

Research Cited: Transforming Education with Technology by Karen Cator.

Tier: Tier 1

Activity - Digital Tools for Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo teachers will use digital resources and tools to support students with building upon their science knowledge. Students will use these tools to engage in inquiry, collaborate with one another, examine multimedia, and write and publish digital writing. Examples could include, but are not limited to: STEMScopes, Google docs, Google forms, and Google presentation, iMovie, Padlet, QR codes, and Kahoot.	Technology, Academic Support Program	Tier 1		09/01/2017	06/01/2021	\$0	No Funding Required	Building principal, all teachers

Activity - Digital Tools for Collaboration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## School Improvement Plan

Waterloo School

Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in science. Students in grades 3-6 will also utilize these resources for researching and collaborating with peers. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation.	Technology , Academic Support Program	Tier 1		09/01/2017	06/11/2021	\$0	No Funding Required	Building principal, all teachers, enrichment liaison
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### (shared) Strategy 3:

Targeted Instruction - Teachers will participate in PLC meetings.

Category: Science

Tier: Tier 1

Activity - Integrated STEAM Curriculum	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will utilize current curriculum and create integrated STEAM (Science, Technology, Engineering, Arts, and Mathematics) units for teaching and learning. The Science portion of this integration will focus on student understanding of Science expectations. This could also include project based learning.	Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	No Funding Required	All Teaches, building principal, enrichment liaison.

Activity - Enrichment Liaison	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Class Size Reduction, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Section 31a	Enrichment Liaison, Building Principal

Activity - Robotics	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have Robotics as an Encore. This opportunity is designed to emphasize the "Technology" component of STEAM.	Academic Support Program	Tier 1	Implement	09/01/2017	06/01/2021	\$0	No Funding Required	Robotics Teacher

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

## School Improvement Plan

Waterloo School

Waterloo teachers will utilize the resources to extend and enrich the curriculum for students during Intervention/Enrichment time. Examples in Engineering is Elementary, Civil Air Patrol STEM kids, Engineering resources. Engineering is Elementary is a engineering curriculum designed to support students with developing 21st century skills in science and math, create classroom equity and produce engaged citizens.	Academic Support Program	Tier 1	Implement	09/01/2017	06/19/2020	\$0	Title I Part A	Enrichment Liaison, classroom teachers
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Activity - Field Trips	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Waterloo students will have access to field trips (virtual or real life) in order to enhance and supplement learning in science. Ex: Knabusch Center	Field Trip	Tier 1	Implement	09/01/2017	06/11/2021	\$0	General Fund	Classroom teachers

### (shared) Strategy 4:

Parent Involvement - Staff will increase parental involvement for the purpose of improving student achievement.

Category:

Research Cited: Everyday Engagement by Katy Ridnour

Tier: Tier 1

Activity - STEAM Fair	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will participate in the engineering process to create a STEAM project to be showcased during a school-wide STEAM Fair that families will be invited to attend.	Parent Involvement	Tier 1	Implement	06/30/2017	06/18/2021	\$0	No Funding Required	Parent Involvement Committee, Positive School Climate Committee, building principal, all teachers.

Activity - STEAM Night	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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**School Improvement Plan**

Waterloo School

<p>Families will participate in an evening of science and engineering exploration in connection with Waterloo's STEAM Fair.</p>	<p>Parent Involvement</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/08/2017</p>	<p>07/09/2021</p>	<p>\$0</p>	<p>No Funding Required</p>	<p>Parent Involvement Committee, building principal, school improvement coach, positive school climate liaison</p>
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## 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
Generation E	Generation E features action-based learning and gives youth hands-on experiential learning through critical thinking exercises, problem solving activities, and research that encourage discussions and turn abstract principles into practical actions and create their own business ventures. Waterloo teachers will utilize the resources of Generation E to provide experiences for students that support expected social studies concepts.	Parent Involvement, Teacher Collaboration, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/17/2022	\$0	Fine Arts Teacher, Robotics Teacher, Classroom teachers, School Improvement Coach, Building Principal.

### Section 31a

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Enrichment Liaison	Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Class Size Reduction, Teacher Collaboration, Academic Support Program	Tier 2	Implement	09/01/2017	06/11/2021	\$18000	Building principal, Enrichment Liaison, classroom teachers
Staff Professional Development - Parent/Family Involvement	Staff will receive professional development that will support them with effectively communicating with parents in order to improve student achievement in the area of English Language Arts. This activity is part of the ongoing PD support from the district on Ontological coaching.	Parent Involvement, Professional Learning, Teacher Collaboration	Tier 1		09/01/2016	06/14/2019	\$2000	Building principal Classroom teachers Special Education teachers Encore teachers

## School Improvement Plan

Waterloo School

Interventionists	In direct connection to the MTSS process, an ELA interventionist will provide Tier 2 intervention to students not meeting expectations in ELA. Resources for intervention include: Fountas & Pinnell Leveled Literacy Intervention Program (LLI), Fountas & Pinnell Word Study, The Comprehension Toolkit, Teachers College Reading & Writing Project Units of Study (Lucy Calkins).	Academic Support Program	Tier 2	Implement	09/06/2017	06/19/2020	\$24000	Building principal, interventionist
Enrichment Liaison	Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Class Size Reduction, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Enrichment Liaison, Building Principal
Enrichment Liaison	Waterloo will utilize an Enrichment Liaison to provide enrichment activities for students during designated Intervention/Enrichment time. The Enrichment Liaison will utilize district curriculum and will focus on STEAM integration and projects.	Academic Support Program, Direct Instruction	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, Enrichment Liaison, classroom teachers

### No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Mobile Devices	Waterloo students will have access to mobile devices and appropriate applications to support the Social Studies curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	Building principal, all teachers
Digital Tools for Collaboration	Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in science. Students in grades 3-6 will also utilize these resources for researching and collaborating with peers. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation.	Technology , Academic Support Program	Tier 1		09/01/2017	06/11/2021	\$0	Building principal, all teachers, enrichment liaison

## School Improvement Plan

Waterloo School

Community of Learners Celebration	Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly goals.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Positive School Climate Liaison, Building principal, Positive School Climate Committee
Career Day	Waterloo will host a career day for families and community members to share information about their careers with students.	Parent Involvement, Community Engagement	Tier 1		09/01/2017	06/01/2021	\$0	Positive School Climate Liaison, Positive School Climate School Improvement Committee, Building Principal.
Integrated STEAM Curriculum	Teachers will utilize current curriculum and create integrated STEAM (Science, Technology, Engineering, Arts, and Mathematics) units for teaching and learning. The "Arts" portion of this integration will focus on student understanding of ELA expectations.	Behavioral Support Program, Teacher Collaboration, Academic Support Program, Direct Instruction, Recruitment and Retention	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers, interventionists, enrichment liaison.
Multimedia Digital Literacy	Teachers will utilize technology resources enhance digital literacy, specifically non-fiction text. These resources could include but are not limited to: iPads, iPods, SMARTBoards, Chromebooks, digital magazines, streaming videos, virtual reality apps, robotics and coding materials.	Technology, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, all teachers, interventionists, enrichment liaison.

# School Improvement Plan

Waterloo School

Community Partnerships	Waterloo will continue partnerships with local community agencies in order to increase student proficiency in Social Studies. Current partnerships include: ProMedica Regional Hospital Monroe, Victory Gym, Monroe Bank and Trust, Department of Health and Human Services, and The Monroe County Library System. We would like to move forward with creating a partnership with the Monroe Historical Society and River Raisin Battlefield.	Community Engagement, Academic Support Program	Tier 1	Implement	06/29/2017	06/11/2021	\$0	Positive School Climate Committee, Building Principal, Positive School Climate Liaison
Workshop Showcase	Waterloo will designate at least 2 days within the school year to host a Workshop Showcase. The purpose of this showcase is to engage families in the process of learning and highlight ways they can invest into their child's education. During this time, our philosophy of teaching and learning will be shared with an emphasis on STEAM teaching and learning and collaborative student conversations (accountable talk).	Parent Involvement, Behavioral Support Program, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2016	06/14/2019	\$0	Building principal, classroom teachers, encore teachers, special education teachers, positive school climate liaison, student service provider, interventionists, enrichment liaison. Family Engagement sub-committee will plan and communicate expectations.

# School Improvement Plan

Waterloo School

Family Partnership Meetings	Waterloo will host Family Partnership Meetings during the fall and spring. During this time, teachers will discuss student, family and teacher expectations for each student's individual goals in English Language Arts.	Parent Involvement	Tier 1	Monitor	09/01/2017	06/14/2019	\$0	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider
Technology for Self Assessment	Students will use technology for self-assessment and self monitoring of math concepts. This could include, but is not limited to: Accessing Dreambox reports, student digital portfolios.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/01/2021	\$0	Waterloo Technology School Improvement Committee (to organize,pilot, plan and communicate), Building principal.
Integrated STEAM Curriculum	Teachers will utilize current curriculum and create integrated STEAM (Science, Technology, Engineering, Arts, and Mathematics) units for teaching and learning. The Science portion of this integration will focus on student understanding of Science expectations. This could also include project based learning.	Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	All Teaches, building principal, enrichment liaison.
Technolgy for Self-Assessment	Students will use technology for self-assessment and self monitoring of ELA concepts. This could include, but is not limited to: reading into an iPad application to monitor fluency, speech to text for writing, student digital portfolios.	Technology , Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	Waterloo Technology School Improvement Committee (to organize, pilot, plan and communicate), Building principal.



# School Improvement Plan

Waterloo School

<p>Positive Behavior Intervention &amp; Support</p>	<p>Waterloo will implement a system that supports positive behavior, clearly communicates expectations and celebrates success. Elements of PBIS include but are not limited to: PAWS tickets (Positive Actions of Waterloo Students), monthly community of learners assemblies, matrix of behavior expectations.</p>	<p>Behavioral Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/01/2017</p>	<p>06/12/2020</p>	<p>\$0</p>	<p>Positive School Climate Committee, Positive School Climate Liaison, building principal, classroom teachers, special education teachers, encore teachers, interventionists, support staff, student service provider.</p>
<p>STEAM Fair</p>	<p>Students will participate in the engineering process to create a STEAM project to be showcased during a school-wide STEAM Fair.</p>	<p>Parent Involvement, Teacher Collaboration, Academic Support Program</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/01/2017</p>	<p>06/15/2018</p>	<p>\$0</p>	<p>Positive School Climate Committee, Parent Engagement Committee, Positive School Climate Liaison, Building Principal, all teachers</p>

## School Improvement Plan

Waterloo School

Digital Tools for Learning	Waterloo teachers will use digital resources and tools to support students with building upon their Social Studies knowledge. Students will use these tools to engage in inquiry, collaborate with one another and research social studies concepts. Students will also use digital tools to explain their understanding. Examples could include, but are not limited to: Google docs, forms, and presentations, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/12/2020	\$0	Technology School Improvement Committee, Building Principal, classroom teachers, special education teachers, and enrichment liaison.
Project Based Learning	Waterloo teachers will implement project based and interest based learning in social studies.	Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/12/2020	\$0	Building principals, classroom teachers, enrichment liaison.
Digital Tools for Communication	Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in mathematics. Students will also utilize these resources for communicating understanding. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation. Explain Everything  and write and publish digital writing. Examples could include, but are not limited to: Google docs, forms, and presentations for collaboration, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, all teachers
Mobile Devices	Waterloo students will have access to mobile devices and appropriate applications to support the ELA curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress for ELA (by use of the PMT).	Technology , Academic Support Program	Tier 1		09/01/2017	06/11/2021	\$0	Building principal, all teachers

## School Improvement Plan

Waterloo School

Looping	Looping refers to the practice of a teacher remaining with the same group of students for more than one school year. When feasible, Waterloo will implement looping in order to strengthen relationships with students and families, strengthen teacher content knowledge and support teacher collaboration.	Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, classroom teachers, general education teachers.
Mobile Devices	Waterloo students will have access to mobile devices and appropriate applications to support the math curriculum. Students in Young Five's through 2nd grade will have iPads and students in grades 3-6 will have Chromebooks. In addition, one cart of Chromebooks and one cart of iPads will be available to students during the school day on a check out basis. Students in grades 5-6 will have access to Chromebooks 24:7. Classroom teachers will use mobile devices to record, organize and monitor student progress for math (by use of the PMT).	Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, classroom teachers, special education teachers, interventionist
STEAM Night	Families will participate in an evening of science and engineering exploration in connection with Waterloo's STEAM Fair.	Parent Involvement	Tier 1	Implement	09/08/2017	07/09/2021	\$0	Parent Involvement Committee, building principal, school improvement coach, positive school climate liaison
STEAM Fair	Students will participate in the engineering process to create a STEAM project to be showcased during a school-wide STEAM Fair that families will be invited to attend.	Parent Involvement	Tier 1	Implement	06/30/2017	06/18/2021	\$0	Parent Involvement Committee, Positive School Climate Committee, building principal, all teachers.

## School Improvement Plan

Waterloo School

Guest Speakers	Guest speakers will be invited to Waterloo to discuss topics connected with science curriculum	Community Engagement	Tier 1	Getting Ready	09/01/2017	06/15/2018	\$0	Positive School Climate Committee, Building principal, all teachers.
PTO	Waterloo PTO will meet monthly. An emphasis will be placed on supporting students with reading achievement.	Parent Involvement	Tier 1	Monitor	06/29/2017	06/18/2021	\$0	Teachers, building principal.
Intervention Resources	Interventionists and teachers will implement research based resources for Tier 1, 2 & 3 ELA intervention. Resources include: Fountas & Pinnell Leveled Literacy Intervention Program (LLI), Fountas & Pinnell Word Study, The Comprehension Toolkit, Teachers College Reading & Writing Project Units of Study (Lucy Calkins).	Academic Support Program	Tier 2	Implement	09/01/2017	06/11/2021	\$0	Building principal, school improvement coach, classroom teachers, special education teachers, interventionists.
Teacher use of Technology for Data Analysis	Teachers will utilize technology resources to collect, organize and monitor student data for math concepts. Examples include: consistent use of Monroe Public School's Progress Monitoring Tool (PMT), Google Classroom for collaborative lesson planning and Schoolzilla data analysis.	Other, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, classroom teachers, special education teachers, school improvement coach, interventionist.

## School Improvement Plan

Waterloo School

Digital Tools for Learning	Waterloo teachers will use digital resources and tools to support students with building upon their ELA knowledge. Students will use these tools to engage in inquiry, collaborate with one another, examine author's craft through multimedia, and write and publish digital writing. Examples could include, but are not limited to: Google docs, forms, and presentations for collaboration, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Technology School Improvement Committee, Building Principal, classroom teachers, special education teachers, encore teachers, interventionists, and enrichment liaison.
Community Partnerships	Waterloo will continue partnerships with local community agencies in order to increase student proficiency in ELA. Current partnerships include: ProMedica Regional Hospital Monroe, Victory Gym, Monroe Bank and Trust, Department of Health and Human Services, and The Monroe County Library System.	Parent Involvement, Community Engagement	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Positive School Climate Committee, Building Principal, Positive School Climate Liaison
Mentoring	Waterloo will utilize cross grade level mentoring and buddy reading programs. This includes but is not limited to: students from Monroe High School coming to Waterloo to read with students, upper elementary students reading with lower elementary students.	Behavioral Support Program	Tier 1	Implement	09/01/2017	06/18/2021	\$0	Building principal, all teachers.
Digital Tools for Learning	Waterloo teachers will use digital resources and tools to support students with building upon their science knowledge. Students will use these tools to engage in inquiry, collaborate with one another, examine multimedia, and write and publish digital writing. Examples could include, but are not limited to: STEMScopes, Google docs, Google forms, and Google presentation, iMovie, Padlet, QR codes, and Kahoot.	Technology , Academic Support Program	Tier 1		09/01/2017	06/01/2021	\$0	Building principal, all teachers

# School Improvement Plan

Waterloo School

Reading Goals	Students will have individual reading goals that are intended to identify specific strategies or concepts that students need in order to achieve at the Benchmark Reading level (as measured by Fountas & Pinnell Benchmark Assessment). In addition, students school wide will have an expected reading frequency goal (ex: 20 minutes/day). Reading frequency goals will be monitored by classroom teachers.	Parent Involvement, Academic Support Program	Tier 1	Getting Ready	10/02/2017	07/01/2022	\$0	Building principal, classroom teachers, special education teachers, encore teachers, school improvement coach, positive school climate liaison, student service provider, interventionists.
Community of Learners Celebration	Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly Dreambox goals.	Parent Involvement, Behavioral Support Program, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	Building principal, positive school climate liaison
Staff Professional Development - Parent/Family Involvement	Staff will receive professional development that will support them with effectively communicating with parents in order to improve student achievement in the area of Mathematics. This activity is part of the ongoing PD support from the district on Ontological coaching.	Parent Involvement	Tier 1	Implement	09/01/2017	06/01/2021	\$0	Building principal, school improvement coach, positive school climate liaison, classroom teachers, special education teachers, encore teachers.

# School Improvement Plan

Waterloo School

Community of Learners Celebration	Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly reading goals.	Parent Involvement, Behavioral Support Program, Community Engagement, Academic Support Program	Tier 1	Monitor	06/29/2017	06/19/2020	\$0	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider Interventionists Enrichment Liaison
Community of Learners Celebration	Once a month the Waterloo community will gather to celebrate the success of students. Families and community members will be invited to join the celebration. Special recognition will be given to students who reach monthly Dreambox goals.	Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, teacher leader, school improvement coach, positive school climate liaison.
Teacher Collaboration - Co-planning & co-teaching	Classroom teachers will utilize ELA co-planning and co-teaching opportunities between grade level partners and/or special education teachers. This activity involves teachers working together with groups of students; sharing the planning, organization, delivery, and assessment of instruction.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/12/2020	\$0	Classroom teachers, special education teachers, school improvement coach.
Family Partnership Meetings	Waterloo will host Family Partnership Meetings during the fall and spring. During this time, teachers will discuss student, family and teacher expectations for each student's individual goals in mathematics.	Parent Involvement	Tier 1		06/29/2017	06/11/2021	\$0	All teachers, building principal, positive school climate liaison, student service provider.

# School Improvement Plan

Waterloo School

Math Goals	Students will have individual reading goals that are intended to identify specific strategies or concepts that students need in order to meet expectations (as measured by District Common Assessments). In addition, students school wide will have an expected Dreambox Lesson goal (ex: 3 lessons/day). Dreambox goals will be monitored by classroom teachers.	Parent Involvement, Academic Support Program	Tier 1	Getting Ready	09/01/2017	06/11/2021	\$0	Building principal, classroom teachers, special education teachers, encore teachers, school improvement coach, positive school climate liaison, student service provider, interventionists.
Teacher use of Technology for Data Analysis	Teachers will utilize technology resources to collect, organize and monitor student data for ELA concepts. Examples include: consistent use of Monroe Public School's Progress Monitoring Tool (PMT), Google Classroom for collaborative lesson planning and Schoolzilla data analysis.	Technology, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, classroom teachers, special education teachers, school improvement coach, interventionist, student service provider.
Anti-Bullying Supports	Waterloo will implement anti-bullying initiatives that support the district's policy on anti-bullying. Strategies include, but are not limited to: 15 second behavior intervention, small groups with the student service provider that focus on mean behavior and presentations for students, families and staff.	Behavioral Support Program	Tier 1	Getting Ready	09/01/2017	07/01/2021	\$0	Positive School Climate Committee, Building principal, Student Service Provider, all teachers.



## School Improvement Plan

Waterloo School

Multi-Tiered Systems of Support (MTSS)	The Multi-Tiered Systems of Support (MTSS) model will be utilized for targeted instruction and intervention. This includes providing high-quality, research based Tier 1 instruction, consistently identifying students who are not meeting expectations, providing appropriate interventions at all Tiers, monitoring progress and responding with an appropriate plan of action.	Other, Teacher Collaboration, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	Building principal, MTSS leadership team, classroom teachers, special education teachers, interventionist.
Positive Behavior Intervention & Support	Waterloo will implement a system that supports positive behavior, clearly communicates expectations and celebrates success. Elements of PBIS include but are not limited to: PAWS tickets (Positive Actions of Waterloo Students), monthly community of learners assemblies, matrix of behavior expectations.	Behavioral Support Program, Community Engagement, Academic Support Program, Policy and Process	Tier 1	Getting Ready	09/01/2017	06/12/2020	\$0	Positive School Climate Committee, Positive School Climate Liaison, building principal, classroom teachers, special education teachers, encore teachers, interventionists, support staff, student service provider.
Robotics	Waterloo students will have Robotics as an Encore. This opportunity is designed to emphasize the "Technology" component of STEAM.	Academic Support Program	Tier 1	Implement	09/01/2017	06/01/2021	\$0	Robotics Teacher
Digital Tools for Collaboration	Waterloo will utilize digital tools and/or cloud technology for lesson sharing and teacher communication in ELA. Students in grades 3-6 will also utilize these resources for writing, editing and collaborating with peers. Examples could include but are not limited to: Google Classroom, Google Docs, Google Presentation.	Technology, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Building principal, all teachers

## School Improvement Plan

Waterloo School

Looping	Looping refers to the practice of a teacher remaining with the same group of students for more than one school year. When feasible, Waterloo will implement looping in order to strengthen relationships with students and families, strengthen teacher content knowledge and support teacher collaboration.	Parent Involvement, Behavioral Support Program, Curriculum Development, Teacher Collaboration, Academic Support Program	Tier 1	Implement	09/01/2015	06/12/2020	\$0	Building principal, classroom teachers, general education teachers.
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### General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Field Trips	Waterloo students will have access to field trips (virtual or real life) in order to enhance and supplement learning in science. Ex: Knabusch Center	Field Trip	Tier 1	Implement	09/01/2017	06/11/2021	\$0	Classroom teachers
Dreambox Learning	Dreambox Learning will be utilized in Tier 1, Tier 2 and Tier 3 as a component of the district math curriculum. Dreambox Learning is a rigorous, adaptive, and individualized online program to promote math reasoning and number sense. Teacher will utilize the "Assign Focus" option to assign lessons appropriate for each students current level of understanding.	Technology, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$0	Building principal, all teachers, interventionist
Dreambox Learning	Dreambox Learning will be utilized in Tier 1, Tier 2 and Tier 3 as a component of the district math curriculum. Dreambox Learning is a rigorous, adaptive, and individualized online program to promote math reasoning and number sense. Teacher will utilize the "Assign Focus" option to assign lessons appropriate for each students current level of understanding.	Technology, Academic Support Program, Materials	Tier 1	Monitor	09/01/2017	06/01/2021	\$0	All teachers, interventionist, building principal

### Title I Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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## School Improvement Plan

Waterloo School

Extended Day	Based on ongoing ELA data analysis, Tier 2 & 3 extended day learning opportunities will be available for students not meeting expectations.	Academic Support Program	Tier 2	Implement	09/01/2017	06/19/2020	\$3040	Building principal, school improvement coach, interventionists
Multi-Tiered Systems of Support (MTSS)	The Multi-Tiered Systems of Support (MTSS) model will be utilized for targeted instruction and intervention. This includes providing high-quality, research based Tier 1 instruction, consistently identifying students who are not meeting expectations, providing appropriate interventions at all Tiers, monitoring progress and responding with an appropriate plan of action.	Behavioral Support Program, Teacher Collaboration, Academic Support Program, Policy and Process	Tier 1	Implement	09/01/2016	06/14/2019	\$27000	Building principal, MTSS leadership team, classroom teachers, special education teachers, interventionist.
Extended Day	Based on ongoing math assessment data analysis, Tier 2 & 3 extended day learning opportunities will be available for students not meeting expectations.	Other - Data Analysis, Academic Support Program	Tier 2	Monitor	09/01/2017	06/11/2021	\$0	Building principal, school improvement coach, interventionist
Curriculum Extensions	Waterloo teachers will utilize the resources to extend and enrich the curriculum for students during Intervention/Enrichment time. Examples in Engineering is Elementary, Civil Air Patrol STEM kids, Engineering resources. Engineering is Elementary is a engineering curriculum designed to support students with developing 21st century skills in science and math, create classroom equity and produce engaged citizens.	Academic Support Program	Tier 1	Implement	09/01/2017	06/19/2020	\$0	Enrichment Liaison, classroom teachers
Coaching	A Plan, Teach, Debrief (PTD) coaching model will be implemented for all classroom teachers with at least 10 sessions per school year. Special education and encore teachers may also be a part of coaching sessions. This model will be used to create a culture of coaching and professional growth throughout the building.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	09/01/2017	06/01/2021	\$0	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers.

# School Improvement Plan

Waterloo School

Family Literacy Events	Waterloo will host family literacy events throughout the year to support students and families with reading and writing. These events include but are not limited to: Family Library Night, Read-A-Thon, Family Reading Strategy Night, Summer Reading incentives.	Parent Involvement, Academic Support Program	Tier 1	Implement	09/01/2016	09/02/2019	\$1250	Building principal Classroom teachers Special Education teachers Encore teachers Positive School Climate Liaison Student Service Provider Reading Interventionist
Professional Development	Teachers will receive professional development in the area of ELA. Using district curriculum, this PD will support differentiated instruction, learning progressions, conferencing, collaborative planning, accountable talk and the workshop model. Opportunities for this PD are embedded in the coaching Plan, Teach, Debrief cycle and/or are available at building and district level PLC's.	Professional Learning, Curriculum Development, Teacher Collaboration, Direct Instruction	Tier 1	Implement	09/01/2017	06/12/2020	\$20000	Building principal, school improvement coach, classroom teachers, general education teachers, encore teachers, interventionists.
Coaching	A Plan, Teach, Debrief (PTD) coaching model will be implemented for all classroom teachers with at least 10 sessions per school year. Special education and encore teachers may also be a part of coaching sessions. This model will be used to create a culture of coaching and professional growth throughout the building.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	08/28/2015	06/11/2021	\$30000	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers.

## School Improvement Plan

Waterloo School

Interventionist	In direct connection to the MTSS process, a math interventionist will provide Tier 2 intervention to students not meeting expectations in Place Value, Addition/Subtraction or Multiplication/Division. Resources for intervention include: "Do The Math" program by Marilyn Burns, Context for Learning Units, TERC Investigation Units, District identified "Just Right" math games.	Academic Support Program	Tier 2	Monitor	06/29/2017	06/11/2021	\$0	Building principal, interventionist
Family Math Events	Waterloo will host family math events throughout the year to support students and families with math concepts. These events include but are not limited to: Family Dreambox Night, Family Math Strategy Night, Summer Dreambox incentives.	Parent Involvement, Academic Support Program	Tier 1	Monitor	09/01/2017	06/11/2021	\$1200	Building principal, school improvement coach, teachers, positive school climate liaison, student service provider.

### Title III

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Translation Services	When communicating with non-English speaking parents, translation services will be utilized when possible.	Parent Involvement	Tier 1	Implement	06/29/2017	06/12/2020	\$0	Building principal, classroom teachers.
ELL Supplemental Tutoring	Supplemental tutoring will be provided for ELL students in the area of ELA.	Academic Support Program, Direct Instruction	Tier 2	Monitor	09/01/2017	06/18/2021	\$2500	District ELL tutor
Translation Services	When communicating with non-English speaking parents, translation services will be utilized when possible.	Parent Involvement, Behavioral Support Program, Academic Support Program	Tier 1	Implement	09/01/2016	06/12/2020	\$500	Building principal, classroom teachers, special education teachers, encore teachers, student service provider.

# School Improvement Plan

Waterloo School

## Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Learning Community	A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	07/09/2021	\$0	All instructional staff
Professional Learning Communities	A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Monitor	09/01/2017	06/11/2021	\$5000	Building principal, school improvement coach, classroom teachers, special education teachers, encore teachers, interventionists, enrichment liaison.

# School Improvement Plan

Waterloo School

Professional Learning Communities	A Professional Learning Community (PLC) is a group of educators that meets regularly, shares expertise, and works collaboratively to improve teaching skills and the academic performance of students. Waterloo will promote a culture of learning through ongoing, layered PLC's. These PLC's could be building or district directed. Examples could include: School Improvement Committees, District Curriculum Committees, I/E Teams and/or Grade Level Teams.	Teacher Collaboration	Tier 1		09/01/2017	06/12/2020	\$0	All instructional staff
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Professional Development	Teachers will receive professional development in the area of Math. Using district curriculum, this PD will support differentiated instruction, learning progressions, conferencing, collaborative planning, accountable talk and the workshop model. Opportunities for this PD are embedded in the coaching Plan, Teach, Debrief cycle and/or are available at building and district level PLC's.	Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Implement	09/01/2017	06/01/2021	\$0	Building principal, school improvement coach, classroom teachers, general education teachers, encore teachers, interventionists.