

Glen Rose Elementary School School Improvement Plan for Math and Science 2022-2023

The mathematics PLC will develop and implement a curriculum map that is aligned to the state standards.

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Key components and/or strategies	Administrative Responsibility	Teacher Responsibility	Timeline	Assessment	Evidence
All teachers will complete yearly professional development as mandated by the district or state.	Provide the PD schedule.	Attend and/or complete the required professional development.	June 2022-May 2023	Complete all projects or implement new learning in the classroom.	PD certificates or copy of professional development transcript.

<p>Math and Science teachers will meet each summer to update curriculum maps and will focus on state standards, essential standards, and areas of weakness.</p>	<p>Provide support, locations, and opportunities for teachers to collaborate.</p>	<p>Bring and have all necessary materials for collaboration. Attend all collaboration meetings.</p>	<p>On-going each year.</p>	<p>Math and Science curriculum maps based on state standards.</p>	<p>Mathematics and Science curriculum maps for grades K-4</p>
<p>Math and Science teachers will use the math and science curriculum maps that are developed</p>	<p>Support and monitor the teaching of the curriculum maps and essential standards.</p>	<p>Curriculum maps that contain essential standards will be used in math and science classrooms.</p>	<p>On going</p>	<p>Classroom assessments, state interim assessments, and summative state assessments.</p>	<p>Students scores on all assessments</p>

Math and Science classes are scheduled each day in the elementary classroom. The classroom instruction uses grade level texts, modules, and learning through hands-on activities.

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<p>K-4th grades use Eureka Math in their math classes for classroom instruction. Each grade schedules appropriate time to cover the standards for their grade level.</p> <ul style="list-style-type: none"> *Eureka *Zearn *MobyMax *STAR Math *Xtra Math <p>*Daily math practice</p>	<p>Schedule math time into each grade's daily schedule.</p> <p>Monitor classes for effective instruction in Math.</p> <p>Support Math teachers</p>	<p>Plan, teach , assess, and then adjust and remediate as needed.</p> <p>Participate in on-going professional development.</p> <p>New teachers in the district will receive training as needed.</p>	<p>on-going</p>	<p>Classroom assessments, teacher observations, interim state assessments, summative state assessments</p>	<p>Students scores on assessments, improved scores on state assessments, STAR Math assessments</p>
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<p>Most of the special education mathematics classes are done through inclusion. The regular and special education teachers will work together to teach math to all students.</p> <p>Students (including special education) will</p>	<p>Provide scheduling and materials needed in a co-teaching classroom environment.</p> <p>Support and monitoring</p>	<p>Collaborate to prepare instruction and materials for lessons and students both onsite and digitally online.</p> <p>Meet with grade level and</p>	<p>On-going</p> <p>On-going</p>	<p>IEP's, Classroom assessments , teacher observation, Interim state assessments, summative state assessments</p> <p>Unit assessments, classroom assessments</p>	<p>Classroom assessment scores, IEP's, Interim assessment scores</p> <p>Documentation of activities</p>
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<p>have opportunities in Science class to participate in group activities and hands-on science experiments.</p>	<p>Allow for purchasing of supplies for the activities</p>	<p>subject PLCs to discuss and work together on activities for the students</p>		<p>and teacher observations</p>	<p>Student presentations</p>
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<p>Kindergarten teachers incorporate Science through Mystery Science.</p>	<p>Make materials available to teachers.</p>	<p>Plan, teach, then assess the Science standards for K. Adjust and remediate as needed.</p>	<p>On-going</p>	<p>Classroom observations and teacher observations</p>	<p>Students progress on the standards reported on the report cards.</p>
<p>First grade uses Mystery Science to address the state standards for first grade.</p>	<p>Make materials available to teachers .</p>	<p>Plan, teach, then assess the Science standards for First grade. Adjust and remediate as needed</p>	<p>On-going</p>	<p>Classroom assessments, classroom assignments, and teacher observations</p>	<p>Students progress on the standards reported on the report cards</p>
<p>Second through fourth grade uses Mystery Science to address the state standards in Science at each grade level.</p>	<p>Make materials available to teachers.</p>	<p>Plan, teach, assess and then adjust and remediate as needed.</p>	<p>On-going</p>	<p>Classroom assessments, teacher observations, interim state assessments and summative state assessments.</p>	<p>Student scores on assessments improved scores on state assessments.</p>

All teachers and staff members will participate in a weekly Response to Intervention program which will allow for Tier1, Tier11, and Tier 111 intervention times.

Key Components and/or strategies	Administrative Responsibility	Teacher Responsibility	Timeline	Assessment	Evidence
<p>Glen Rose Elementary implemented the Istation program for remediation. Each child is assessed at the first of each month and tiered for remediation . Mrs. Reed and Ms. Gray look at the data and create groups to pull for remediation.</p>	<p>Develop a schedule for remediation and procedures.</p>	<p>Attend RTI meetings, look at test data to see who needs help and on what skills.</p>	<p>September</p>	<p>Istation reading and math assessments.</p>	<p>Schedules and procedures that support students learning and remediation.</p>

<p>Teachers will use istation activities weekly for remediation time. The students will work on reading and math activities each day. Tier 3 students will work with Mrs. Reed or Ms. Gray in the classroom. Tier 2 students can be in small groups that are pulled by classroom teachers and paras. Tier1 students will work on extension activities. Classroom teachers will pull small groups to work on skills that the students did not do well on that are being taught in the classroom. The groups will be changing as new data is obtained.</p>	<p>Monitor and Support</p>	<p>Look at the testing data from mulitiple monthly assessments and decide small groups and which skills to cover. Use the provided remediation to present the skills to the groups. Maintain data to record progress.</p>	<p>On-going</p>	<p>Classroom assessments and monthly istaion assesments.</p>	<p>RTI schedule assessment scores</p>
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<p>Istation. Classroom teachers will pull small groups to work on skills that students did not do well on that are being taught in the classroom. The groups will be ever changing as new data is obtained.</p>					
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Blended Learning Environment for Emergency Remote Learning Situations

Key Components and/or strategies	Administrative Responsibility	Teacher Responsibility	Timeline	Assessment	Evidence
<p>Google Classroom will be our learning management system. Students will be issued a school chromebook to use at school. All</p>	<p>Support teachers with needed resources and materials for assignments. Provide technology to teachers and students. Develop and provide check-out</p>	<p>Create and maintain a Google Classroom. Keep assignments updated. Monitor student work</p>	<p>On-going</p>	<p>Student submissions of assignments. Using Google Classroom and other</p>	<p>Student work Google Classroom developed by each teacher Student grades</p>

<p>teachers will create a Google Classroom for their subject area. Teachers will post daily/weekly assignments in google classroom. It will be used for onsite and virtual instruction. Teachers will also include instructional videos to help support learning and teach new content and skills. Students will submit and/or share completed assignments through Google Classroom.</p>	<p>procedures and contracts for chromebooks.</p>	<p>and submissions through Google Classroom.</p>		<p>digital assignments.</p>	
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<p>School will extend the open wi-fi to the parking lots located in front of each school. This will allow internet access for students who do not have access at home.</p>	<p>Support technology coordinators in providing open wi-fi for students to use.</p>	<p>Provide support to students and families if they have questions about where and when to access wi-fi.</p>	<p>On going during the blended learning school year.</p>	<p>Students will utilize open free wi-fi in school parking lots.</p>	<p>Video surveillance and online records of students and families utilizing school open wi-fi.</p>
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Professional Development will be provided to all teachers and staff as needed. Training will focus on using Google Classroom as our learning management system.	Develop and schedule professional development sessions. Provide necessary equipment, staff, and locations for the training.	Attend all Professional Development sessions, have all needed materials and equipment for trainings.	Summer months before school starts and on going through the blended learning year as needed.	Professional development sign-in sheets, development of Google Classroom.	Professional development sign in sheets, Google classroom.
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Glen Rose Elementary School will use a variety of assessments to determine student progress and mastery of skills and/or state standards and evaluate our programs and curriculum.

Key Components and or strategies	Administrative Responsibility	Teacher Responsibility	Timeline	Assessment	Evidence
Teachers will design and administer end of unit exams and/or other classroom assessments to evaluate curriculum and determine student needs.	Monitor and assist teachers. Provide needed material.	Create, edit, and administer classroom assessments.	On-going	All students will complete the classroom and unit exam.	Student scores

<p>Students will complete STAR Reading and STAR Math assessments 3 times a year.</p>	<p>Provide any needed professional development.</p>	<p>Make sure all students are in the program.</p>	<p>On-going</p>	<p>All students will complete STAR Reading and STAR Math assessments.</p>	<p>Student scores</p>
<p>Students in Grades 3-4 will complete the NWEA assessment as determined by the district.</p>	<p>Provide PD as needed for testing.</p> <p>Assist with scheduling</p>	<p>Attend PD</p> <p>Prepare classroom</p> <p>Become familiar with the procedures</p>	<p>On-going</p>	<p>98% of the students will complete the required assessments.</p>	<p>Student scores</p>

<p>Students in grades 3-4 will complete the ACT aspire or other state assessments as required.</p>	<p>Provide PD as needed for the testing.</p> <p>Assist with scheduling</p>	<p>Attend PD</p> <p>Prepare classroom</p> <p>Become familiar with the procedures.</p>	<p>Spring 2023</p>	<p>All students complete the state mandated test.</p>	<p>Student scores</p>
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