

# Glen Rose Elementary School

## Math and Science Support Plan 2020-2021

The mathematics PLC will develop and implement a curriculum map that is aligned to the state standards, and skills that were not taught in the spring of 2020 due to COVID-19.

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 2020-May 2021	Complete all projects or implement new learning in the classroom.	PD certificates or copy of professional development transcript.
Math and Science teachers will meet each summer to update curriculum maps and will focus on state standards, focus standards, and areas of weakness.	Provide support, locations, and opportunities for teachers to collaborate.	Bring and have all necessary materials for collaboration. Attend all collaboration meetings.	On-going each year.	Math and Science curriculum maps based on state standards.	Mathematics and Science curriculum maps for grades K-4
Math and Science teachers will use the math and science curriculum maps that are developed	Support and monitor the teaching of the curriculum maps and focus standards	Curriculum maps that contain focus standards will be used in math and science classrooms.	On going	Classroom assessments, state interim assessments, and summative state assessments	Students scores on all assessments

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.

Key components and/or strategies	Administrative Responsibility	Teacher Responsibility	Timeline	Assessment	Evidence
<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"> <li>*Eureka</li> <li>*Zearn</li> <li>*MobyMax</li> <li>*STAR Math</li> <li>*Xtra Math</li> <li>*Daily math practice</li> </ul>	<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>
<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>Provide scheduling and materials needed in a co-teaching classroom environment</p>	<p>Collaborate to prepare instruction and materials for lessons and students both onsite and digitally online</p>	<p>On-going</p>	<p>IEP's, Classroom assessments, teacher observation, Interim state assessments, summative state assessments</p>	<p>Classroom assessment scores, IEP's, Interim assessment scores</p>

<p>Students (including special education) will have opportunities in Science class to participate in group activities and hands-on science experiments. Social distancing and disinfecting materials will be used when feasible and as needed to meet health and safety guidelines.</p>	<p>Support and monitoring</p> <p>Allow for purchasing of supplies for the activities</p> <p>Provide cleaning supplies</p>	<p>Meet with grade level and subject PLCs to discuss and work together on activities for the students</p>	<p>On going</p>	<p>Unit assessments, classroom assessments and teacher observations</p>	<p>Documentation of activities</p> <p>Student presentations</p>
<p>Kindergarten teachers incorporate Science through the Journeys reading program.</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 HMH Science</p>	<p>Make materials available to teachers</p>	<p>Plan, teach, assess and then adjust and remediate as</p>	<p>On going</p>	<p>Classroom assessments teacher observations interim state</p>	<p>Student scores on assessments improved scores on state</p>

Dimensions to address the state standards in Science at each grade level.		needed		assessments, summative state assessments	assessments
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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
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.	Develop a schedule for remediation and procedures	Attend RTI meetings, look at test data to see who needs help and on what skills	September	Istation reading and math assessments	Schedules and procedures that support students learning and remediation
Teachers will use istation activities during daily remediation	Monitor and support	Look at the testing data from each monthly Istation	On-going	Classroom assessments and monthly Istation assessments	RTI schedule assessment scores

<p>time. The students will work on reading and math activities each day. Tier 111 students in Reading will spend the hour on reading. Tier 2 will split their time. Tier 2 students can be in small groups that are pulled by Mrs. Reed or Ms. Gray. Tier 1 students will work on enrichment activities in 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>		<p>assessment and decide small groups and what skills to cover. Use the provided remediation to present the skills to groups. Maintain data to show how intervention is going</p>			
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Blended Learning Environment for 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 and at home. All teachers will create Google Classrooms for their subject areas. Teachers will post weekly/daily assignments in the google classrooms .Students and teachers will use Google Classroom during 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</p>	<p>Support teachers with needed resources and materials for assignments, Provide technology to teachers and students Develop and provide check out procedures and contracts for chromebooks</p>	<p>Create and maintain each Google classroom</p> <p>Keep Google assignments updated</p> <p>Monitor student work and submissions through Google classroom</p>	<p>On-going during the blended learning school year</p>	<p>Student submission of all assignments</p> <p>Using Google classroom and other digital assignments</p>	<p>Student submissions of work</p> <p>Google classroom developed by each teacher</p> <p>Student grades</p>

completed assignments through Google Classroom.					
School will extend the open wi-fi to the parking lots located in front of each school. This will allow internet for students who do not have access at home.	Support technology coordinators in providing open wi-fi for students to use.	Provide support to students and families if they have questions about where and when to access wi-fi.	On going during the blended learning school year.	Students will utilize open free wi-fi in school parking lots	Video surveillance and online records of students and families utilizing school open wi-fi.
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
Students who chose to learn virtually only will use Lincoln Learning. All virtual students will have a point of contact person on staff for communication purposes.	Develop communication plan for parents and teachers,  Assign point of contact person	Attend training on any programs needed for virtual education of students  Communicate weekly with families and students learning virtually	On going during the blended learning school year	Teachers and families work together for virtual learning, parent surveys and students grades in virtual classes	Students are completing and submitting daily assignments virtually  Parents and students are communicating with the point of contact staff member. Student grades in virtual classes.
Parents may	Work with the	Visit with	Ongoing	Students will	Students will

qualify for wi-fi devices provided by the school district. These devices will be supplied to families in our school district who are in need and qualify to receive the devices.	district administration and technology coordinator to provide devices for students in elementary	the administration about student internet service needs	during the current blended learning school year	be able to complete and submit assignments online at home.	submit and complete assignments online.
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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 materials	Create, edit, and administer classroom assessments	On-going	All students will complete the classroom and unit exams.	Student scores
Students will complete STAR Reading and	Provide any needed professional development	Make sure all students are in the program	On going	All students will complete STAR Reading and	Student scores



STAR Math assessments 3 times a year.				STAR Math assessments.	
Students in Grades 3-4 will complete interim assessments as determined by the district.	Provide PD as needed for the testing  Assist with scheduling	Attend PD  Prepare classroom  Become familiar with the procedures	On going	98% of the students will complete the required assessments.	Student scores
Students in Grades 3-4 will complete ACT Aspire or other state assessments as required.	Provide PD as needed for the testing Assist with scheduling	Attend PD  Prepare Classroom  Become familiar with the procedures	Spring 2021	All students complete the state mandated test.	Student scores