

## Math Tier 2 Interventions

Intervention	Description	Grade	Dates Implemented
<b>Cover, Copy, and Compare: Increasing Math Fluency</b>	Students learn a five-step procedure that gives them increased opportunities to respond to mathematics material and self-evaluate their responses. Cover, Copy, and Compare is an efficient strategy for increasing accuracy and speed in basic math facts, requires little student training or teaching time, and can be used with individuals, small groups, or entire classes.	K-8	
<b>Solving Word Problems Using Structured Organizers</b>	This intervention gives students better understanding of reading, interpreting, and solving word problems in mathematics. The use of structure organizers is first modeled by the teacher, students use the organizers on their own, and is phased out as students become more proficient.	K-8	
<b>Sequence for Teaching Fractional Concepts</b>	Suggestions for the progression in working with students on fractions and understanding concepts behind fractions.	3-8	
<b>Improving Math Performance with Explicit Timing</b>	In order to increase fluency in basic math facts, math seatwork is timed in 20-30 minute intervals. Students will become more automatic in math facts and thus become more proficient in solving math problems. The use of explicit timing has been demonstrated to increase the rate of problems worked correctly while simultaneously maintaining very high levels of accuracy.	K-8	
<b>Peer Tutoring</b>	The purpose of this intervention is to improve math performance and behavior during math instruction by means of peer tutoring, group rewards, and self-management procedures. Students monitor their academic progress in a group context, acting as instructional partners for each other, setting team goals, and managing their own group reward contingencies. The intervention takes approximately 30 minutes – 20 minutes for peer tutoring and 10 minutes for individual class drills and checking.	K-8	
<b>Math Completion Rates and Accuracy with Free Time</b>	The purpose of this intervention is to improve math performance and classroom behavior by combining reciprocal peer	K-8	

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	<p>tutoring with home-based rewards. Parents are invited to develop a system of home rewards to support their child's academic performance.</p>		
<p><b>Small-Group Math Centers:</b></p>	<p>Establish independent math centers in the classroom where individual or small groups of students can work for at least 15-20 minutes several times a week. Place folders labeled with the students name at each station so they can self-start the activity and store their own work. Set-up educational games, hands-on manipulatives like puzzles or sorting and counting pieces at the math centers. Group activities at a center could also include a timer and math skills worksheets. You can also laminate educational yet entertaining worksheets so they can be used repeatedly with wipe-off markers. Center activities review weakness areas in computation to boost improving math skills.</p>	<p>K-8</p>	
<p><b>Explicit time drills</b></p>	<p>A method to boost students' rate of responding on math-facts. The teacher hands out the worksheet. Students are told that they will have 3 minutes to work on problems on the sheet. The teacher starts the stop watch and tells the students to start work. At the end of the first minute in the 3-minute span, the teacher 'calls time', stops the stopwatch, and tells the students to underline the last number written and to put their pencils in the air. Then students are told to resume work and the teacher restarts the stopwatch. This process is repeated at the end of minutes 2 and 3. At the conclusion of the 3 minutes, the teacher collects the student worksheets.</p>	<p>K-8</p>	
<p><b>REP Services</b></p>	<p>This program is designed for students who are at risk of not reaching or maintaining academic grade level performance, and provides intervention services for qualifying students to remediate foundational skills needed for academic success. It provides additional</p>	<p>K-8</p>	

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	instructional support and resources to help students who are performing below grade level obtain the necessary academic skills in the shortest possible time		

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