

Los Angeles Unified School District  
Division of Special Education

Math Intervention Programs

Program	Purpose	Description	Practical Application
<p><b>Skill Builders</b> Sopris West</p>	<p>Build fluency and automaticity in math skills</p>	<ul style="list-style-type: none"> <li>• Basic math skills to algebraic expression and word problems</li> <li>• Timed math drills to be given daily</li> <li>• Charting of student successes</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Warm-up activity daily</li> <li>• Homeroom or advisory</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Individual or partner activity</li> </ul>
<p><b>Fact Fluency and More</b> Sopris West</p>	<p>Build fluency in math facts</p>	<ul style="list-style-type: none"> <li>• Consists of three modules: addition, subtraction, and multiplication/division</li> <li>• Teaches strategies that facilitate learning the facts</li> <li>• Facilitates understanding with the use of visuals</li> <li>• Provides careful orchestration of new and review</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Warm-up activity daily</li> <li>• Homeroom or advisory</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Individual or partner activity</li> </ul>
<p><b>Math Go Figure</b></p>	<p>Word Problems</p>	<ul style="list-style-type: none"> <li>• Provides a strategy for solving word problems</li> <li>• Uses direct instruction, modeling, and independent practice to support learning</li> <li>• Aligns to the instruction taking place in content classes</li> <li>• Does not need to be used sequentially</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Warm-up activity daily</li> <li>• Homeroom or advisory</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Individual or partner activity</li> </ul>

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<p><b>Algebra Ready</b> Sopris West</p>	<p>Support pre-Algebra skills</p>	<ul style="list-style-type: none"> <li>• Blends fundamental math skills with instruction in thinking processes</li> <li>• Direct instruction in the prerequisite skills needed for algebra and geometry</li> <li>• Does not need to be used consecutively</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Small group lessons for preteaching and reteaching</li> <li>• Preteach the skill to students</li> <li>• Taught in conjunction with the instruction provided in the general education Algebra class</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Intersession or ESY</li> </ul>
<p><b>Algebra Rescue</b> Sopris West</p>	<p>Support Algebra instruction</p>	<ul style="list-style-type: none"> <li>• Teaches the skills needed to pass Algebra</li> <li>• Follows a three step process: Concept development, practice and problem-solving</li> <li>• Aligns with Algebra standards</li> <li>• Does not need to be used consecutively</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Small group lessons for preteaching and reteaching</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Preteach the skill to students</li> <li>• Taught in conjunction with the instruction provided in the general education Algebra class</li> <li>• Intersession or ESY</li> </ul>
<p><b>Transitional Mathematics</b> Sopris West</p>	<p>Pre-Algebra program</p>	<ul style="list-style-type: none"> <li>• Three levels designed to transition students from whole numbers to algebraic expressions</li> <li>• Includes ongoing assessments, supplemental materials and blackline masters</li> <li>• Designed as a curriculum but can be used to support content instruction</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Direct instruction in the prerequisite skills needed to succeed in Algebra instruction</li> </ul>

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Access Programs and Resources

Program	Purpose	Description	Practical Application
<p><b>Alternative Math Techniques When Nothing Else Seems to Work</b></p> <p>Sopris West</p>	<p>Instructional techniques to support math instruction</p>	<ul style="list-style-type: none"> <li>• Contains information about math remediations and adaptations for different processing disorders</li> <li>• Practical modeling of ways to start the math awareness process</li> <li>• Comes with a CD with multiple activities to support the learning</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Techniques to support instruction</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Strategies to support learning of basic skills and higher level thinking skills</li> </ul>
<p><b>Teaching Reading in Mathematics</b></p> <p>McRel</p>	<p>Strategic instruction for mathematics</p>	<ul style="list-style-type: none"> <li>• Contains strategic instruction for the teaching of reading in mathematics.</li> <li>• Presents math-specific examples of the strategies for strategic teaching</li> <li>• Teaches sentence structure, vocabulary, and organizational patterns of math</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Techniques to support instruction</li> <li>• Works well with coteaching responsibilities</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Preteaching of strategic strategies for learning mathematics</li> <li>• Introduction of vocabulary of math</li> </ul>
<p><b>Summarization in Any Subject</b></p> <p>ASCD</p>	<p>Effective strategies for teaching summarization skills</p>	<ul style="list-style-type: none"> <li>• Contains 50 strategies for teaching and supporting summarization skills</li> <li>• Provides directions for instruction of each strategy</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Techniques to support instruction</li> <li>• Works well with coteaching responsibilities</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Preteaching of strategic strategies for learning mathematics</li> <li>• Introduction of vocabulary of math</li> </ul>

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<p><b>Makes Sense Strategies</b></p> <p><b>Software</b></p> <p><a href="http://www.GraphicOrganizers.com">www.GraphicOrganizers.com</a></p>	<p>Integrates principles of universal design, strategic instruction, differentiated instruction and the use of graphic organizers</p>	<ul style="list-style-type: none"> <li>• Graphic organizers and think sheets for vocabulary, reading, writing, math, content area instruction, and behavior</li> <li>• Used to teach students to think, elaborate, and organize learning</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Provides access for all students</li> <li>• Coteaching tool to demonstrate organization of content</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Preteach strategies to students</li> <li>• Provides modified organizers to students</li> </ul>
<p><b>Teaching Reading in the Content Area</b></p> <p>McRel</p>	<p>Strategic instruction for teaching reading in content areas</p>	<ul style="list-style-type: none"> <li>• Contains strategic instruction for the teaching of reading in content</li> <li>• Presents content-specific examples of the strategies for strategic teaching</li> <li>• Teaches sentence structure, vocabulary, and organizational patterns of content instruction</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Techniques to support instruction</li> <li>• Works well with coteaching methods</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Preteaching of strategic strategies for learning vocabulary, comprehension, writing skills</li> </ul>
<p><b>Solo Software</b></p> <p>Don Johnston</p>	<p>Software that provides access to content materials</p>	<ul style="list-style-type: none"> <li>• Read aloud</li> <li>• Draft builder</li> <li>• Write out loud</li> <li>• Cowriter</li> </ul>	<p><i>General Education Class</i></p> <ul style="list-style-type: none"> <li>• Provides access to content instruction</li> </ul> <p><i>Learning Center or Special Day Program</i></p> <ul style="list-style-type: none"> <li>• Supports reading and writing skills required in content classes</li> </ul>