



# Tier 2 Implementation Guide

“Tier 2 students receive supplemental small group mathematics instruction aimed at building targeted mathematics proficiencies.”  
 (IES Practice Guide: [Assisting Struggling Students with Mathematics, 2009.](#))

Essential Components	School Improvement Implementation Activities	Time Frame	Research
Screen all students	<p>Delta Math grade level readiness screeners will be used to measure end-of-year benchmarks selected from the previous year common core content standards.</p> <p style="text-align: center;"> <i>Whole numbers (grades 1-5)</i>  <i>Fractions (grades 4-7)</i>  <i>Algebraic concepts (grades 7-Algebra 1)</i> </p>	<p>Use readiness screeners three times per year:</p> <p style="text-align: center;"> <i>Fall (Aug. 15 – Nov. 30)</i>  <i>Winter (Dec. 1 – March 31)</i>  <i>Spring (April 1 – June 15)</i> </p>	<p><a href="#">Assisting Students Struggling with Mathematics, Recommendation 1</a></p> <p><a href="#">Using Student Achievement Data to Support Instructional Decision Making, Recommendations 3, 4, 5</a></p> <p><a href="#">MDE Vision of RtI: A Multi-Tiered System of Supports, Essential Component 2</a></p>
Identify students below benchmark	<p>Delta Math reports will be used to identify all students who may not be ready to learn current grade level content standards.</p> <ul style="list-style-type: none"> <li>➤ Validate unexpected screener results to rescreen students who did not perform as expected. (Course Overview Report)</li> <li>➤ Identify readiness standards to begin targeted interventions with all students. (Standard Summary Report)</li> <li>➤ Validate unexpected results on a single readiness standard and identify all students for a targeted intervention group. (Intervention Group Report)</li> </ul>	<p>Three times per year: (After screening all students)</p> <p>Three times per year: (After screening all students)</p> <p>Multiple times per year: (Before scheduling students for each targeted intervention)</p>	<p>Assisting Students Struggling with Mathematics, Recommendation 1</p> <p>Using Student Achievement Data to Support Instructional Decision Making, Recommendations 1, 3, 4, 5</p> <p>MDE Vision of RtI: A Multi-Tiered System of Supports, Essential Components 4, 8</p>



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Communicate Data	Delta Math “Student Performance” reports will be used to communicate with parents and other critical stakeholders on the performance of the student and the plan to provide future support.	Three times per year: <i>(After a student completes each grade level readiness screener.)</i>	Using Student Achievement Data to Support Instructional Decision Making, <i>Recommendations 3, 4, 5</i>  MDE Vision of RtI: A Multi-Tiered System of Supports, <i>Essential Component 11</i>
Provide targeted interventions	Delta Math targeted intervention planning guides will be used to plan instruction that: <ul style="list-style-type: none"> <li>➤ is explicit and systematic</li> <li>➤ includes instruction on solving word problems that is based on common underlying structures</li> <li>➤ includes opportunities for students to work with visual representation of mathematical ideas.</li> <li>➤ includes motivational strategies, such as students setting goals and visually charting their own progress.</li> </ul>	Multiple times per year: <i>(During targeted intervention sessions)</i>	Assisting Students Struggling with Mathematics, <i>Recommendations 3, 4, 5, 8</i>  Using Student Achievement Data to Support Instructional Decision Making, <i>Recommendation 2</i>  MDE Vision of RtI: A Multi-Tiered System of Supports, <i>Essential Components 2, 3, 6, 8</i>



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<p>Monitor student progress during targeted interventions</p>	<p>Delta Math Quick Checks and Growth Charts will be used to measure and monitor student progress.</p>	<p>Multiple times per year: <i>(During standards-based intervention sessions)</i></p>	<p>Assisting Students Struggling with Mathematics, <i>Recommendations 7</i></p> <p>Using Student Achievement Data to Support Instructional Decision Making, <i>Recommendations 1, 3, 4, 5</i></p> <p>MDE Vision of RtI: A Multi-Tiered System of Supports, <i>Essential Components 2, 7, 8, 9</i></p>
<p>Provide additional support for students not responding to targeted interventions</p>	<p>Delta Math Student Performance reports, Quick Checks and Growth Charts will be used by a problem solving team to create a plan for increasing intervention support.</p>	<p>Multiple times per year: <i>(Near the end of each standards-based intervention cycle)</i></p>	<p>Using Student Achievement Data to Support Instructional Decision Making, <i>Recommendations 1, 3, 4, 5</i></p> <p>MDE Vision of RtI: A Multi-Tiered System of Supports, <i>Essential Components 2, 4, 8</i></p>
<p>Analyze program impact and modify where necessary</p>	<p>Delta Math Standard Summary reports will identify what appeared to work well during targeted interventions and what changes, if any, should be made during upcoming targeted interventions.</p>	<p>Two or more times per year: <i>(After the winter and spring screening sessions)</i></p>	<p>Using Student Achievement Data to Support Instructional Decision Making, <i>Recommendations 1, 3, 4, 5</i></p> <p>MDE Vision of RtI: A Multi-Tiered System of Supports, <i>Essential Component 8</i></p>