




This Implementation Guide describes best practices that will lead to deeper mathematical understanding for your students. ST Math Middle School Supplement (MSS) is designed for use with students in grades 6, 7, and 8 at all levels of math proficiency. The program includes a diagnostic assessment for foundational skill-building, on-grade-level coursework, and flexible implementation models and features to differentiate based on staff and student needs.

Best Practices

Students	Teachers	Administrators
<p>Play at home and at school to increase mathematical thinking beyond the classroom.</p>	<p>Assign in-class time and home use intentionally aligned with your school's implementation model.</p>	<p>Monitor weekly school progress reports to ensure consistent usage of 90+ minutes per week.</p> 
<p>Persevere through challenges by paying close attention to the formative feedback in the games.</p>	<p>Regularly monitor student progress (minutes and puzzles) towards personalized learning goals.</p>	<p>Partner with MIND Research Institute to address professional learning needs.</p>
<p>Take ownership of learning by recording weekly minutes, puzzles, and quiz scores</p>	<p>Facilitate perseverance and inquiry with open-ended questions as students use ST Math.</p>	<p>Host frequent ST Math data review meetings in professional learning communities.</p>
<p>Extend learning with journals, exit tickets, and connections with your core lessons.</p>	<p>Empower students to support one another and drive academic discourse through guided conversations about ST Math puzzles.</p>	<p>Celebrate staff and student achievement at regular intervals.</p>

Implementation Models

Grade-level Journey

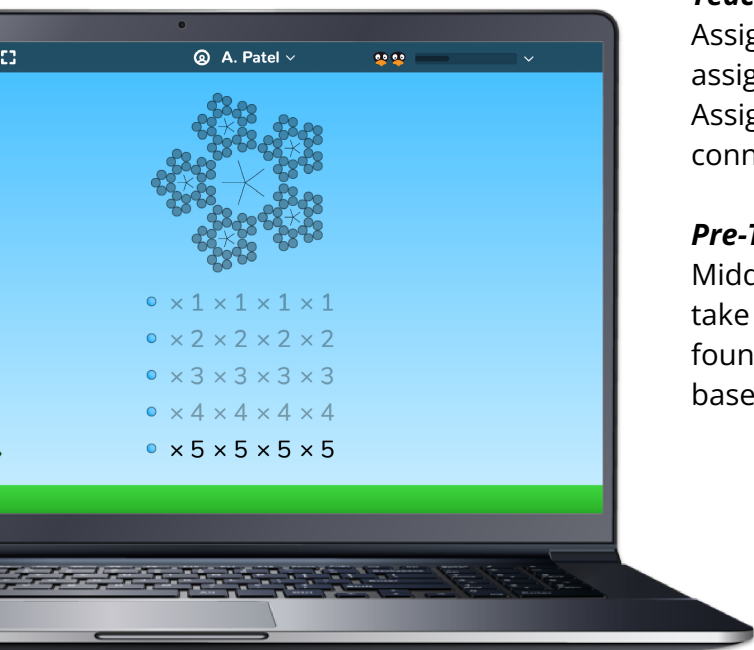
A set of sequenced objectives focused on a specific grade level optimized for conceptual scaffolding.

Teacher Assignments

Assignments can be from any grade level and can be assigned to students individually, or to an entire class. Assignments are great for homework, classroom connections, or targeted remediation.

Pre-Test and Auto-Assignments

Middle school students using ST Math have the option to take a diagnostic Pre-Test. Auto-Assignments targeting foundational skills and core concepts are then provided based on their results.



School Structures and Instructional Strategies

- Bell Ringer/Do Now
- Workshop Center or Station, "Menu Option"
- Whole-Class or Small-Group Lesson: Facilitate a Puzzle
- Homework
- Early Finisher or Choice Time Activity
- Homeroom, Advisory, Intervention, Breakfast, After School

