Reveal the Full Potential in Every Student

Reveal Math helps students develop the positive mindset, confidence, and skills to become problem solvers and mathematical thinkers. The program works by incorporating both inquiry-focused and teacher-guided instructional strategies within each lesson. Informed by the latest research on how they learn best, *Reveal Math* ensures students don't just meet the standards—they master them!

Our Powerful Program:



Champions a positive classroom centered on curiosity, connection, and a mathematical mindset.



Offers a flexible lesson design that provides access to rigorous instruction with robust teacher supports and scaffolds.



Tailors instruction for each student through data-driven insights and purposeful, personalized differentiation.



Program Design Influenced by Teachers, Research, and Industry Experts

To design the program, our expert authorship consulted rigorous educational research. Foundational texts include *Principles to Actions* (NCTM), *Mathematical Mindsets* (Jo Boaler), and *Making Sense of Math* (Cathy Seeley) as well as learning models such as Bloom's Taxonomy and Webb's Depth of Knowledge Guide. We then called upon our most trusted collaborators, hundreds of teachers across the country, for instructional insights to bring this research to life.

Major Focus Areas:

A Supportive Classroom Culture for All Students

Learner-focused practices develop a classroom designed for equitable learning.

Rich Mathematical Discourse

Instructional options and supports focus on student discourse while emphasizing academic and math vocabulary.

Productive Struggle

Opportunities to explore and engage with challenging mathematical ideas and relationships build deep understanding.

Math Mindset

Building a learning mindset fosters agency and confidence to help all students see and achieve academic success.

Sense-Making

Support for the development of sense-making and critical thinking skills develops proficient problem solvers.

Fluency

Flexible strategies help students to practice math content and achieve automaticity.

Instructional Routines

Structures and expectations create productive classroom interactions with students. Read more about Math Language Routines (MLR) on page 17.

Metacognition

Student reflection promotes math learning.



Champion a Positive Classroom

Engaging students' interest in mathematics at the middle school level helps learners see themselves as problem solvers and doers of mathematics, both of which are critical for achieving academic success.

Build Student Agency

Building agency is integral to helping students take ownership of their learning. With ownership, students are more willing to make mistakes and seek creative solutions to mathematical problems.

Encourage Growth Mindset

Math is... Mindset

Why is it important to explain your thinking clearly and concisely?

Mindset Matters tips at the beginning of each unit provide strategies for encouraging a growth mindset and productive approaches to problem solving.

Establish a Community of Learners

The Math is... Unit helps students and teachers focus on math as a set of problem-solving strategies instead of an end result. In this unit, students work together to define a productive and positive classroom environment where all students can:

- Share and exchange ideas.
- Collaborate to solve problems.
- Find success and build confidence in mathematics.
- Take ownership of learning.
- Become creative problem solvers.

Flexible Lesson Design

Balanced Instructional Design

Reveal Math was built to align with the three pillars of a high-quality mathematics curriculum: focus, coherence, and rigor. This intentional instructional design ensures that students develop deep understanding, make connections, build conceptual proficiency, and understand the "why" behind mathematics.

Every lesson is designed with three main learning objectives: content, language, and Math Mindset. To ensure coherence, there is a well-defined learning progression that builds upon previous lesson content and anticipates future lessons. Additionally, each lesson prioritizes one or more aspects of rigor that align with content standards.

FOCUS	COHERENCE	RIGOR
Math Objectives	Previous	Conceptual Understanding
Language Objectives	Now	Procedural Skill & Fluency
Math Mindset Objectives	Next	Application

NEW! Instructional Choice

Reveal Math 6–8 now offers teachers two instructional options: **Activity-Based Exploration** and **Guided Exploration**. They can choose whichever best meets the learning and pedagogical needs of their students and their instructional preferences.





Lesson Model

The *Reveal Math* lesson model keeps sense-making and exploration at the heart of learning. Every lesson provides **two instructional options** to develop the math content and tailor the instruction to students' learning needs.



Every lesson begins with **Be Curious**, a sense-making activity:

- Students focus on noticing and wondering, not problem-solving.
- Teachers foster students' thinking through meaningful discussion.

Explore & Develop unpacks the lesson content through either an Activity-Based or Guided Exploration:

- Students explore concepts in small groups during which they can formalize their emergent ideas.
- Teachers facilitate the exploration of concepts through rich discourse.

Each *Reveal Math* lesson includes two opportunities to gauge student learning:

- The Exit Ticket is completed after
 Session 1 and helps to inform instruction for
 Session 2.
- The Lesson Quiz is completed after Session 2 and helps inform differentiation.

Create Consistency in Learning

students reflect on the

lesson learning targets.

Instructional routines are embedded within every *Reveal Math* lesson to help students become proficient doers of mathematics.



E Extend Thinking Resources to enrich lesson concepts.

Reveal Math 6-8

Actionable Data and Personalized Instruction

Actionable data is a click away in the Digital Teacher Center with the Reporting Dashboard. Combined with adaptive and personalized instructional assets, data-informed instruction is easier than ever.

Reporting includes:

Activity Performance Report

- Overall class or student average score
- Overall class or student progress over time
- Performance by activity type (e.g., homework, quiz, exam)
- Average score per activity

Standards Performance Report

Class and individual average score per standard, skill, or objective

MAP Growth Report

Review NWEA MAP Growth RIT scores through two unique reports that demonstrate performance by domain and over time.*

*MAP Growth reports available when you link your NWEA account.

Administrator Report

Activity, standards, progress, and usage reports

Discover and Track More Data with Gradebook

Within the digital gradebook, teachers can:

- Edit and manage classroom scores.
- Sort grades by group, by student, by grading period, and by performance.
- Customize grading scales.
- Export data.
- View score sheets.