EUREKA MATH² *Exponentially Greater*

What do we mean when we say that *Eureka Math²* is exponentially greater?

Our teacher–writers applied eight years of *Eureka Math*® classroom experiences, student data, and current educational research to develop a brand-new math curriculum and integrated digital platform to to create a program that is coherently sequenced and makes learning sticky, is learner centric by incorporating all the elements of rigor—conceptual development, procedural fluency, and application while honoring every individual as a contributor to the classroom by advancing equity and empowering learning—creating an exponentially more joyful teaching and learning experience.

Empowering Teachers for Success

Improved pacing
130–140 lessons per year and 30 days built in for assessments, leaving ample time for responsive teaching.

Multiple analogous versions of Topic Quizzes and Module Assessments
to reassess students when needed or provide multiple versions of an assessment to their class.

Key questions and student-friendly statements of the lesson's objective
appear at the start of every lesson so teachers can begin their work with specific learning goals in mind.

New teacher margin notes and digestible overviews for each module, topic, and lesson
help teachers build their own content knowledge as they plan for instruction.

Seamless integration
of customizable digital assessments and reporting, digital student work, facilitation slides, and digital interactives and demonstrations.

Fluency, Launch, Learn, and Land sections
to provide consistency and structure at every grade level.

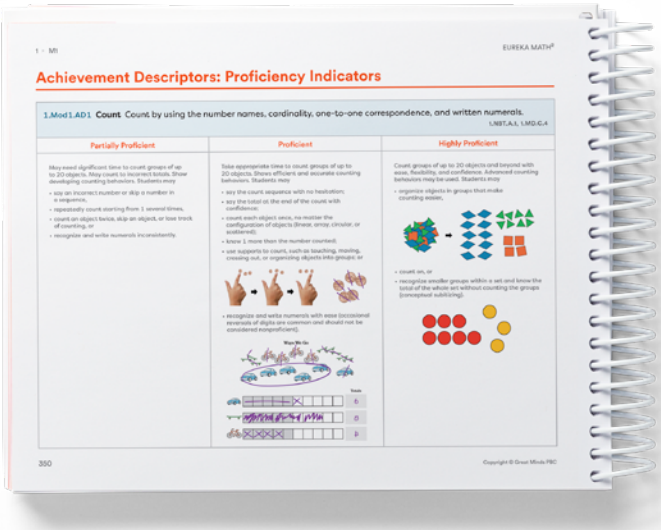
In-context guidance
in every module about the standards for mathematical practice that the module's work promotes.

Interleaving and distributed practice
were integrated so students will revisit and practice concepts in different formats and contexts over time to help build enduring knowledge.

Annotation tools
Teacher Editions include space for teachers to add their own notes in the print edition and annotation tools for note taking in the digital Teacher Edition.

Achievement Descriptors
are included to improve teacher visibility into student understanding. These detail what students should know and be able to do based on the mathematical standards.

Math context videos help students see math in the real world and are accessible to multilingual learners and striving readers.



Advancing Equity & Accessibility

Accessible and engaging context videos
in every module that show diverse characters and people using math in real-world situations.

Award-winning curriculum design
informed by the Universal Design for Learning (UDL) framework with embedded notes for supporting diverse learners and implementing UDL principles throughout a lesson.

The digital premodule assessment tool *Eureka Math² Equip*™
provides opportunities to accelerate learning and bridge knowledge gaps so all students can access grade-level content.

Straightforward and concise language
greatly improves readability for all students—particularly multilingual learners and students with dyslexia.

Student workbooks
include the lesson classwork, Problem Sets, Exit Tickets, and all other work intended for students, eliminating the need for printing pages from the Teacher Edition or transcribing information from the classroom whiteboard for student assignments.

Family guidance and continued learning
outside the classrooom is supported by Family Math and Practice Partners (K–5) and Lesson Recaps (6–12) which provide families with the guidance they need to engage in their student's learning.

Engaging Students with Real-World Context

Integrated instructional routines
engage students in rich mathematical discourse that deepens their understanding of concepts and strategies.

Varied lesson types
keep students engaged in the learning. Lessons focused on guided discovery—and open-ended lessons in particular—allow students to choose the strategies that work best for them in solving real-world math problems.

Over 275 engaging digital interactives and context videos
for students to work with—all to promote student discourse and understanding.

Illustrations by award-winning author Ben Orlin
elevates student engagement in every module for Level 6 and higher.

Students see mathematics through a different lens
and build knowledge of how people from different backgrounds throughout history have contributed to the math we learn today through the inclusion of fine art, and in module sections called Math Past, which highlight information on the origins of mathematical concepts

Colored images and illustrations
now featured in student workbooks to make learning more inviting and engaging.

New items in math manipulative kits
unique to *Eureka Math²*, including the Talking Tool and Thinking Tool posters, which provide prompts to promote mathematical discourse and thinking.

New Data Science Activities
help students explore the collection, use, and presentation value of data to promote data literacy.

Maintaining Rigor and Coherence

While *Eureka Math²* offers lots of new features, the rigor and coherence you expect from Great Minds curricula remains the same. Other key elements from *Eureka Math* that you'll see in *Eureka Math²* include the following:

Students build mathematical knowledge
through engaging stories built into the structure of the curriculum, as well as the coherent use of various mathematical models.

Lesson vignettes
provide teachers with examples of high-quality instruction to ensure rich student discourse.

Problem Sets follow a simple-to-complex sequence
based on the concrete–pictorial–symbolic instructional approach.

Procedural skills practice and fluency activities
help students build deeper conceptual understanding and confidence.

Coherent, focused, and rigorous content
in every level, module, and lesson for students to achieve mastery of the skills the mathematical standards describe.