EUREKA MATH²

Level K–5
Curriculum Overview

Available in English and Spanish

What is *Eureka Math²*?

Eureka Math²® is a revolutionary math program grounded in research to help all students achieve greatness by guiding them to understand the why behind the math.

All students deserve access to a high-quality math curriculum, and all teachers deserve the support and resources needed to teach with confidence.

COHERENCE

Coherence drives every aspect of *Eureka Math²*. Our teacher-writers pulled from their real-world classroom experience to intentionally organize lessons, topics, and modules to follow a logical progression and build knowledge within and across grade levels. By leveraging clear connections between concepts, students deepen their knowledge and conceptual understanding of big mathematical ideas.

THE DYNAMIC MIDDLE APPROACH

Eureka Math² sits in the Dynamic Middle of three aspects of math rigor–conceptual understanding, procedural fluency, and application. Lessons emphasize each aspect of the Dynamic Middle differently. Balancing this emphasis across the program means students learn to identify correct problem-solving strategies and can explain the how and the why behind the math.

EQUITY & EMPOWERMENT

Our program advances equity and empowers students and teachers, honoring every individual as a valuable contributor in the classroom. It builds confidence in teachers and students by providing them with support precisely when they need it. Various structures—such as instructional routines, language supports, and ideas for differentiation—ensure accessibility for all students, including multilingual learners.

Empowering All Teachers

The *Eureka Math² Teach* book is designed to be exceptionally **user-friendly** and **supportive** for both new and experienced educators. It guides teachers on which questions to ask and what responses to expect. Educators gain **deeper content knowledge** and **robust pedagogical tools**, empowering them to meet the demands of today's classroom confidently.

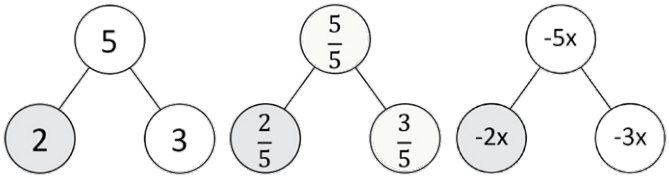
> *"As a teacher, I have learned so much more about how to teach the concepts behind the math in one year–it's just unbelieveable."*
>
> —GRADE 7 AND 8 TEACHER,
> CALCASIEU PARISH PUBLIC SCHOOLS, LA

Empowering All Students

Every *Eureka Math²* lesson affirms the unique knowledge and experience that students bring to the classroom. Lessons engage students in **noticing** and **wondering** about key mathematical ideas. Instructional routines foster **student discourse**, positioning every student as a mathematician. Point-of-use margin notes help students understand, speak, and write English in mathematical contexts.

Kindergarten–Algebra I Coherence

Eureka Math² tells the story of K–Algebra I mathematics through a high-quality, coherent curriculum. Models and units play a central role as the plot unfolds from one grade to the next. Once students understand part-whole relationships they can operate on any basic unit, whether it is frogs, ones, fifths, or x's. By the time students are in middle grades, they have a solid foundation to confidently explore the relationships between units—namely ratios and functions.



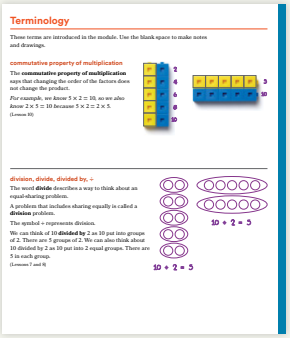
As students progress through the curriculum, they use the **number bond model** to explore part-whole relationships of different units.

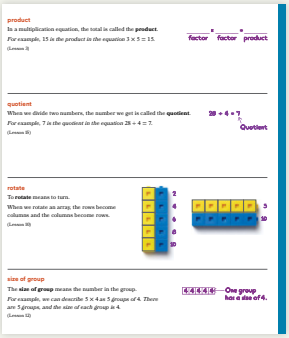
What makes *Eureka Math²* Exponentially Greater?

Eureka Math² builds on all the elements teachers know and love, such as **consistent math models**, **rigor** to support productive struggle, and **coherence** across grades. New and inclusive visual components, increase opportunities for **student discourse**, and a new level of **flexibility** and **accessibility** make math instruction exponentially more teachable and engaging.

- Guided discovery and open-middle tasks invite students to choose the strategies that work best for them.
- A consistent lesson structure comprised of Fluency, Launch, Learn, and Land provide a clear, structured plan for daily instruction.
- Digital interactives and context videos engage students with rigorous math content.
- Improved pacing allows time for responsive teaching.
- Clear, concise, student-facing language improves readability without compromising rigor.
- Opportunities for student discourse and the explicit and repeated use of precise terminology promote the simultaneous development of language and mathematics proficiency for multilingual learners.
- Point-of-use margin notes account for learner variance, language support, and differentiation.
- Assessments provide new levels of visibility into student learning through diagnostic, formative, and summative feedback and data.

Great Minds digital platform





Professional Development

Great Minds® offers professional learning opportunities crafted by our team of teacher–writers. Through ongoing implementation support, educators learn to teach *Eureka Math²* effectively and with confidence.

> *"The sequence and connection of lessons were fantastic. There were so many 'aha!' moments for students. I loved the collaboration and discussion."*
>
> —GRADE 4 TEACHER, BLACKWOOD, NJ

greatminds.org/eurekamathsquared

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