

What is Eureka Math²?

Eureka Math² is a revolutionary math program designed to advance equity in the math classroom by helping students build enduring math knowledge. In Eureka Math² you'll still find the consistent math models, rigor to support productive struggle, and coherence across grades that you love from Eureka Math[®]. Now you'll also find digital interactives, increased opportunities for student discourse, and a new level of flexibility to make math instruction exponentially more teachable and engaging.

ADVANCING EQUITY WITH EUREKA MATH²

ACCESSIBILITY ²	READABILITY ²	ENGAGEMENT ²
<p>Eureka Math² leverages the principles of Universal Design for Learning. Educators are given specific strategies to address learner variance and help students understand, speak, and write English in mathematical contexts. Conceptual understanding progresses from simple to complex to help students access new learning and problem-solving.</p>	<p>Words should never stand in the way of learning math—or anything for that matter. Eureka Math² written materials were designed to maintain the rigor you expect from Great Minds[®] while supporting students who need help with reading, especially students with dyslexia. We increased the use of visuals, eliminated unnecessary words, and considered the language and sentence length at every level.</p>	<p>Through an intentional integration of digital resources, a focused approach to encouraging student discourse, and by connecting lessons to real-world math, students stay engaged in the learning. The content is intentionally organized to leverage connections between concepts.</p>

An Engaging Experience with the Great Minds[®] Digital Platform

There's more to Eureka Math² than can fit on the pages of a book. That's why we created an innovative digital platform with presentation slides, teacher-led digital interactives, and other exciting online features that spark student discourse and those special aha moments that keep learners engaged and excited about math.



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

Understanding What Students Know

Every Eureka Math² module includes Achievement Descriptors, which provide a standards-aligned description of the knowledge students will build in a module, as well as Proficiency Indicators, which provide clear examples of varying levels of proficiency.

Achievement Descriptor

3 - MI EUREKA MATH²

3.Mod1.AD7 Represent and explain division as an unknown factor problem.

Grade 3
3.OA.B.6 Understand division as an unknown-factor problem. For example, find 32 ÷ 8 by finding the number that makes 32 when multiplied by 8.

Partially Proficient	Proficient	Highly Proficient
<p>Recognize related multiplication and division equations.</p> <p>Which equation can be used to find 30 ÷ 5?</p> <p>A. 5 × ____ = 30 B. ____ ÷ 5 = 30 C. 30 ÷ ____ = 5 D. 30 × 5 = ____</p>	<p>Represent division as an unknown factor problem by using equations.</p> <p>Pablo has 18 fish. He divides them equally into 3 bowls. How many fish are in each bowl?</p> <p>Write a multiplication equation and a division equation to describe the problem. Use a blank to represent the unknown.</p>	<p>Explain division as an unknown factor problem.</p> <p>Eve uses the equation 5 × ____ = 40 to find 40 ÷ 5. Is her thinking correct? Explain.</p>

Proficiency Indicators

Program Components

*Eureka Math*² includes both **print** and **digital materials** as well as **math manipulatives** to provide students with kinesthetic learning opportunities. The design and content of the teacher resources have been streamlined to ensure that teachers have exactly what they need, right when they need it. Every grade level has six modules of instruction and includes the following print materials:

- The **Teach** book is the Teacher Edition.
- The **Learn** book includes lesson work, Problem Sets, and Exit Tickets.
- The **Apply** book gives **Grade Levels 1–5** students more practice at home with the concepts learned in class and includes guidance for families to support their student’s learning.



What does this painting have to do with math?

Piet Mondrian reduced his subjects to colorful geometric shapes. Math is a key element of artistic compositions throughout history, and Eureka Math² brings that connection to center stage. Every module features a piece of fine art that has a connection to the math learning in the module, providing a novel entry point for all learners.

Lesson Structure

Every *Eureka Math*² lesson is organized into four distinct but complementary sections that promote balanced and rigorous instruction and provide teachers with a clear, structured plan for the day’s learning.

- The **Fluency** section opens each lesson and provides distributed practice with previously learned material. This prepares students for new learning by activating prior knowledge and bridging small learning gaps.
- The **Launch** creates an accessible entry point to the day’s learning with activities that build context and create productive struggle, which helps students build new knowledge.
- **Learn** presents new math concepts related to the lesson objective, usually through a series of instructional segments.
- **Land** provides time for teachers to facilitate a brief closing discussion and for students to complete the Exit Ticket.

The instructional time for lessons varies as follows: 50 minutes in kindergarten, and 60 minutes in Grade Levels 1–5.

“The sequence and connection of lessons were fantastic! There were so many ‘aha!’ moments for students. I loved the collaboration and discussion.”

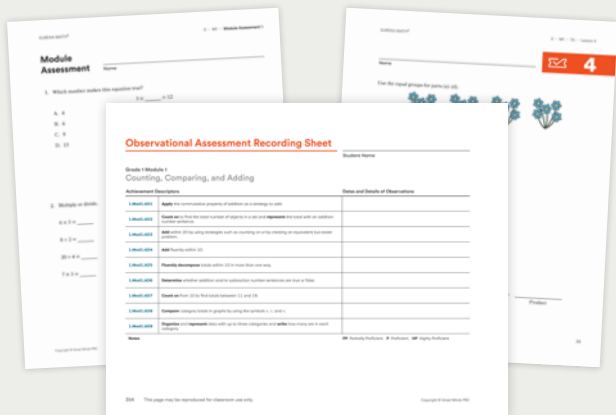
—Grade 4 Teacher, Blackwood, NJ

Professional Development

Great Minds offers professional learning opportunities crafted by our team of teacher-writers. Through ongoing implementation support, educators learn to teach *Eureka Math*² effectively and with confidence.

Making Learning Visible

The comprehensive *Eureka Math*² assessment system gives teachers a clear understanding of what students know so they can plan instruction accordingly. Embedded and premium assessments include our powerful *Eureka Math*² Equip™ Pre-Module Assessments, which diagnose unfinished learning and provide just-in-time supporting resources to help students access grade-level core instruction, as well as formative, summative, and benchmark assessments in digital and print formats, empowering *Eureka Math*² teachers to quickly identify and address student knowledge gaps. Progress can be measured for individual students as well as across classrooms and cohorts.



greatminds.org/eurekamathsquared