

# Curriculum Overview

## Introducing Eureka Math<sup>2</sup> New York Next Gen

Great Minds<sup>®</sup> set a new standard for mathematics instruction with the creation of the EngageNY/Eureka Math<sup>®</sup> program—the most widely used K–5 math curriculum in the country.

Now, incorporating over a decade of in-class experience and the latest educational research, Great Minds is proud to bring the revolutionary new, standards-aligned K–8 **Eureka Math<sup>2</sup> New York Next Gen**.

**Born from the new Next Generation Mathematics Learning Standards, Eureka Math<sup>2</sup> New York Next Gen** features the focus, coherence, and rigor necessary for building the knowledge and conceptual understanding students will need for success with the New York State Testing Program.

### THE EUREKA MATH<sup>2</sup> NEW YORK NEXT GEN DIFFERENCE

#### READABILITY<sup>2</sup>

Words shouldn't get in the way of learning math. *Eureka Math<sup>2</sup> New York Next Gen* was designed with active consideration for the perspective of students who need support with reading, especially those with dyslexia. Students of all reading abilities benefit from the curriculum's consistent use of straightforward and concise language and from the visual supports built into all *Eureka Math<sup>2</sup> New York Next Gen* student materials.

#### ACCESSIBILITY<sup>2</sup>

*Eureka Math<sup>2</sup> New York Next Gen* incorporates the latest research on supporting multilingual learners, leveraging Universal Design for Learning principles and promoting social-emotional learning to ensure all students have access to grade-level content. The curriculum design, instructional routines, and lesson-specific strategies help teachers address learner variance and provide guidance on helping students with understanding, speaking, and writing English in mathematical contexts.

#### TEACHABILITY<sup>2</sup>

With *Eureka Math<sup>2</sup> New York Next Gen*, educators are empowered to deliver standards-aligned instruction and meet the needs of every type of learner through the curriculum's flexible learning design and embedded instructional supports found throughout every module and lesson.

### A Digital Experience

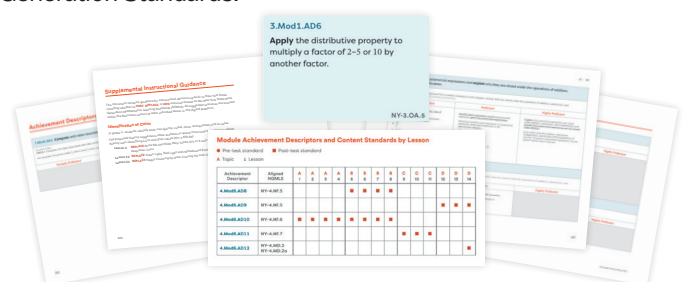
There's exponentially more to *Eureka Math<sup>2</sup> New York Next Gen* than can fit on the pages of a book. That's why we created an innovative digital platform with presentation slides, and other exciting online features that spark student discourse as well as those special aha moments that keep learners engaged and excited about math.



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

### Supporting Standards-Aligned Instruction

*Eureka Math<sup>2</sup> New York Next Gen* was intentionally created to support educators with the instructional shifts required by the new standards. Woven into each module are **Achievement Descriptors (ADs)** with proficiency indicators that detail each standard and what students should know and be able to do. **Dot Charts** detailing the ADs and content standards by lesson allow teachers to quickly identify when and where all **pre- and post-test standards** are taught throughout a module with rationale for their placement. **Supplemental Instructional Guidance** is also included to provide suggestions for omitting, replacing, or adding certain activities based on the Next Generation Standards.



## Program Components

*Eureka Math*<sup>2</sup> New York Next Gen includes both print and digital materials as well as math manipulatives to provide students with kinesthetic learning opportunities. 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 grades 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 Math<sup>2</sup> New York Next Gen 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.*

*Eureka Math<sup>2</sup> New York Next Gen builds confidence and joy as students see the beauty and practicality of learning the conceptual knowledge behind every math problem.*

## 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*<sup>2</sup> New York Next Gen effectively and with confidence.

## Lesson Structure

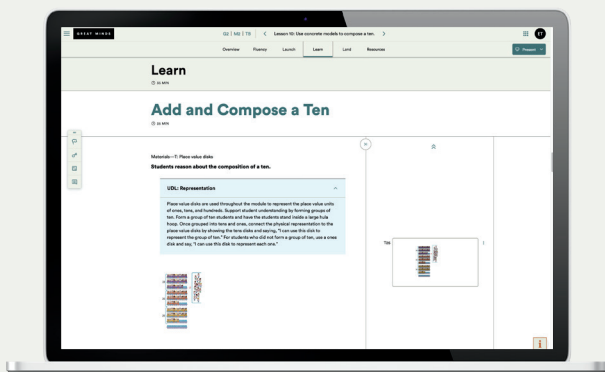
Every *Eureka Math*<sup>2</sup> New York Next Gen lesson is organized into four distinct but complementary sections that promote balanced and rigorous instruction and provide teachers with a clear, structured plan for the day’s learning.

- 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** section 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 depending on the grade level: 50 minutes in kindergarten, 60 minutes in grades 1 through 5.

## Making Learning Visible

The comprehensive *Eureka Math*<sup>2</sup> New York Next Gen assessment system gives teachers a clear understanding of what students know so they can plan instruction accordingly. Embedded assessments include formative and summative assessments in digital, print, and observational formats for all grade levels empowering New York educators to measure student understanding and gauge progress. Progress can be measured for individual students as well as across classrooms and cohorts.



Scan the QR code or visit [greatminds.org/em2-new-york](https://greatminds.org/em2-new-york) to access the *Eureka Math*<sup>2</sup> New York Next Gen instructional materials and resources.