

## ***Student-Centered Learning and Discourse in Eureka Math<sup>2</sup>***

Thank you for registering for our most recent Great Minds<sup>®</sup> mathematics webinar, Student-Centered Learning and Discourse in *Eureka Math<sup>2</sup>*. As part of that event, attendees submitted their questions and our math experts created responses which are summarized below. If you need clarification, please [contact our sales team](#).



**For those who are familiar with the original *Eureka Math*<sup>®</sup>, how has *Eureka Math*<sup>2</sup><sup>®</sup> improved? What is different?**

*Eureka Math*<sup>2</sup> writers and mathematicians used 10 years of extensive research and feedback to improve many facets of the curriculum. You will find many of the tenets from *Eureka Math* similar, such as the mathematical models, simple to complex sequences, and materials that support deep content knowledge for students and teachers alike. There are improvements to the mathematical scope and sequence as well as pacing. We addressed accessibility, readability, engagement, discourse, and the usability of the program. [Visit our website](#) for more information and to review the curriculum.

**My school has *Eureka Math A Story of Units*<sup>®</sup>. Does that mean we might have access to *Eureka Math*<sup>2</sup>? Is it a different curriculum?**

*Eureka Math* and *Eureka Math*<sup>2</sup> are two different programs as we have rewritten content for the newest offering. If your school is currently using *Eureka Math*, you would most likely not have access to *Eureka Math*<sup>2</sup>. If you're interested in checking out *Eureka Math*<sup>2</sup>, you can [sign up to review the curriculum](#) to gain access.

**Did the sample student responses come from actual students? Have any of these modules or lessons been piloted?**

Sample responses are generated in a variety of ways, and they are intended as exemplars to guide instruction. Our writers are experienced teachers, some of whom are still in the classroom. We did use some classrooms during writing that provided us with feedback. The program has been in schools for 2 years with great success and feedback.

**I am hearing that *Eureka Math*<sup>2</sup> has the addition of more student-centered lessons and math chats. Sounds great! Other than these additions, is the sequence of the instruction the same as what I would have experienced teaching the New York State modules?****Are the problem sets generally the same or are they updated as well?**

*Eureka Math*<sup>2</sup> is a new program that was built on the success of EngageNY Math and *Eureka Math*. We have maintained the coherence and rigor that educators love about *Eureka Math*. In addition, *Eureka Math*<sup>2</sup> is more teachable, readable, and engaging. Because this is a new program, the scope and sequence and lesson format are different from that of the EngageNY or *Eureka Math* programs. The problem sets have been rewritten to match the lesson objective and are much more readable, but you will find the structure and sequencing familiar.

**How well do diverse learners, including those with reading and math disabilities, respond to this curriculum?**

We are getting very positive feedback from teachers and administrators with diverse learners. *Eureka Math*<sup>2</sup> lessons are designed to be highly accessible and easily differentiated. We went to great lengths to ensure that the curriculum had readable student pages and that our lessons provide many suggestions for language support, UDL (Universal Design for Learning), and scaffolding. [Watch our webinar focused on UDL and support for multilingual learners](#), [read this research paper focused on readability](#), or [watch this webinar focused on Response to Intervention \(RTI\) in \*Eureka Math\*<sup>2</sup>](#) to learn more.

**Special education teachers have expressed concerns over the difficulties that their students have with mathematical discourse. A lot of the time, the productive struggles may become nonproductive use of the class time. How do we address these concerns? I wonder what your take is on what constitutes productive struggles. Are there pitfalls regarding the implementation of productive struggles?**

Student-to-student discourse is developed over the course of each level in *Eureka Math*<sup>2</sup>, and we believe all students have valuable contributions to make in a math community. There are many supports to help teachers with this process—language notes, sentence frames, and a Talking Tool. Our lessons are designed to provide students with many organic and engaging opportunities to share their thinking and respond to others' ideas through instructional routines such as Math Chats, partner talk, and context videos.

*Eureka Math*<sup>2</sup> lessons include a balance of student-centered learning, guided instruction, and explicit instruction. Productive struggle is supported via low-floor, high-ceiling tasks; student choice through math tools, representations, and strategies; lesson fluencies; and a Thinking Tool. Lessons include simple to complex sequencing and use UDL to ensure that all students have access to the content and the task. Furthermore, problem-solving processes such as Read–Draw–Write (RDW) also develop students' ability to understand a problem and form a solution pathway. [This research paper focused on student discourse](#) may be helpful to you.

**What are open-middle problems?**

Open-middle problems typically have a singular solution but varied ways to solve it. Open-ended problems have more than one possible solution.

**Are we able to see the scope and sequence of *Eureka Math*<sup>2</sup>?**

Yes. You can access scope and sequence maps for *Eureka Math*<sup>2</sup> by visiting the Implement page on the Great Minds<sup>®</sup> Digital Platform. If you do not currently use *Eureka Math*<sup>2</sup>, you can [sign up to review the curriculum](#) to receive a demo login that can be used to access the Great Minds Digital Platform.

### **Is the new curriculum the same as *Eureka Math*, where the last module is post state exam?**

Pacing is flexible and shorter in *Eureka Math*<sup>2</sup> with about 140 lessons. However, it is written for a full school year, so we recommend considering state assessments as you plan ahead. Major work of the grade is highlighted in earlier modules, but there is content in later modules that are aligned to grade-level standards. For more details, view the [Curriculum Overview](#) and [read our Aha! blog on the topic of pacing](#).

### **How much time is allotted for each lesson?**

Kindergarten lessons are 50 minutes, Grade Levels 1–5 lessons are 60 minutes, and Levels 6–Algebra I/Mathematics lessons are 45 minutes (excluding time for the Fluency activities).

### **Are there Exit Tickets or another resource provided to assess students' understanding of each lesson?**

Yes. Lessons in Grade Levels 1–Algebra/Mathematics I culminate with an Exit Ticket that students complete in their *Learn* book. Lessons are tagged with Achievement Descriptors that align with a Proficiency Indicator rubric. For more observational feedback, each lesson also includes key questions and independent work called Problem Sets.

### **Is *Eureka Math*<sup>2</sup> available in Spanish for grades 6-8?**

Not at this time. *Eureka Math*<sup>2</sup> is currently available in Spanish for Grade Levels K–5. Spanish materials for Grade Levels 6–8 are on our product roadmap for the 2024–2025 school year.

### **Does the Affirm platform remain the same for *Eureka Math*<sup>2</sup>? Where are the pre-assessments, quizzes, and other assessments available for the students to complete online?**

*Eureka Math*<sup>2</sup> does not use the Affirm platform for digital assessments. The Great Minds Digital Platform, which is available with the new program, includes a similar assessment platform that will allow you to digitally administer and score assessments. It will also provide robust data reporting on student and class-level results. [Learn more about the range of Pre-Module, formative, and summative assessments available for \*Eureka Math\*<sup>2</sup>](#).

### **Is there pre-assessment in this new platform?**

*Eureka Math*<sup>2</sup> Equip™ can be purchased in addition to the program as part of our premium assessments. This includes Pre-Module Assessments to help identify learning gaps in essential foundational knowledge. *Eureka Math*<sup>2</sup> Equip reports identify student groups via target data and provide supporting activities to help accelerate learning that prepares all students to access grade-level content. [Learn more about \*Eureka Math\*<sup>2</sup> Equip](#).

### **Does *Eureka Math*<sup>2</sup> have interim assessments?**

Yes. Benchmark Assessments are included as part of our premium assessment option. Benchmark Assessments provide a summative measure of the most important content taught in the grade level up to the point of administration. There are three Benchmark Assessments throughout the year, administered after modules 2, 4, and 6. [Learn more about our assessment system](#).

### **Is there an AIS component that supports *Eureka Math*<sup>2</sup>?**

In addition to *Eureka Math*<sup>2</sup> Equip (see above question) and lesson accessibility features, teachers may use on-level and coherent off-level materials for intervention. You may be interested in viewing [Part 1](#) and/or [Part 2](#) of our RTI Webinar Series.

Please contact our sales team at [greatminds.org/contact](https://www.greatminds.org/contact)