

Response to Intervention (RTI) Webinar Series

Tier 1: Accessibility, Differentiation, and Acceleration

Thank you for registering for our most recent Great Minds[®] mathematics webinar, Tier 1: Accessibility, Differentiation, and Acceleration. 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 at greatminds.org/contact.



If kids need more practice problems on topics, where will I find them?

In Grade Levels K–5, you can use unfinished problems from the problem set in the *Learn* book, or the Practice in the *Apply* book for additional practice problems.

In Grade Level 6–Algebra I, you can also use unfinished problems from the problem set, or the additional Practice in the *Learn* book, as well as the two versions of Mixed Practice at the end of each module.

Also, in Grade Level 3–Algebra I, there are multiple versions of both Topic Quizzes and Module Assessments that can be used for additional practice either on paper or digitally.

Is Equip included in the Eureka program?

Yes, *Eureka Math Equip* is available in our earlier *Eureka Math* program as well as for *Eureka Math*². There are some differences between the two programs. *Eureka Math*² *Equip* is what was referenced in this webinar. Both are additional purchases. We encourage you to reach out to our sales team at greatminds.org/contact for more information or a quote.

Does the Equip Assessment program need to be done on the computer?

*Eureka Math*² *Equip* Pre-Module Assessments can be given both digitally and on paper. Paper-based assessments only contain core items while the digital assessment includes branching items that help pinpoint the level of foundational knowledge a student has. When taken digitally, reports are generated that provide student groups and supporting activities.

How would you recommend choosing which Topic Quizzes we should skip with our students? Based on the number of assessments, we will run out of school days due to the number of lessons.

Use Exit Ticket data to determine whether students need additional opportunities to demonstrate their understanding. You can also give Topic Quiz “must do’s” for the items you need data on. This way you can gather additional data without using a full instructional day.

I am not sure how/where to access some of the tools available for teachers to differentiate within the digital resources.

Many of the tools discussed in this session are found on the Great Minds Digital Platform. You can log in to the Great Minds Digital Platform by visiting digital.greatminds.org. If you do not have a login, you can sign up to review the curriculum by visiting greatminds.org/curriculum-review#eureka-math to get access. Here you can view *Teach* content from all grade levels, assign classwork and digital assessments, and access *Eureka Math*² *Equip* content if you’ve purchased it. One of the key places to find support on the platform is the Implementation Resources link, which is accessible on every Grade Level page, or by clicking the “i” in the right-hand corner of the screen. Our Implementation Guides, among other helpful resources, can be found on this Implement section of the platform.

If you need additional support in navigating the platform, visit our Help Center at digitalsupport.greatminds.org. You can also reach out to a member of our sales team to address your questions or to get a quote for *Eureka Math*² or *Eureka Math*² *Equip* by visiting greatminds.org/contact.

Where can I get the Eureka Math² Implementation Guide and the Achievement Descriptors and Content Standards at a Glance on the website? I have had some difficulty getting them.

You can find all of these Implementation Resources by visiting the Implement page on the Great Minds Digital Platform. Once you log in, you can either click on the “Implementation Resources” button on each Grade Level page, or you can click the “i” in the bottom right corner of your screen to access the Implement Page. Achievement Descriptors and Standards can also be viewed on each Module page by clicking the flag labeled “Standards” or by visiting the Module Overview page and going to “Resources.”

Where can you find challenge notes in text to extend the lesson?

Differentiation: Challenge notes are found in the margin notes of the *Teach* book throughout every grade level of *Eureka Math*². All Margin Notes can also be found on the corresponding lesson page on the Great Minds Digital Platform.

Teachers are using Eureka Math² for the first time this year. They want to switch modules around for Grade 6. Is this ok?

No, because the order does matter. The modules are written in a careful “horizontal” progression, each one building on the next in terms of routines, content knowledge, skills, developmental appropriateness, and rigor. Teaching one module before finishing another, or teaching the modules out of order, can affect the coherence of student learning progressions. Teaching the modules in order in the first year of implementation is especially beneficial. If you determine that you need to change the order of any modules, we recommend you carefully read through the modules in question, especially the Module Overviews, and identify any prerequisites that will need to be built in before the module begins.

Apply pages can be printed, correct?

Yes. Resources from the *Apply* book can be printed from the Great Minds Digital Platform. Practice Partners and Practice can be found on each Lesson page under “Resources.” The Family Math component is found on the Topic Overview page under “Resources.”

There seems to be confusion about whether or not *Learn* is for the classroom and *Apply* is for homework. Can you clarify?

The *Learn* book for each module is a consumable resource students need to participate in the lesson, engage in independent practice, and record Exit Ticket responses. Included in the *Learn* book are lesson pages, Problem Sets, and Exit Tickets. The *Learn* book is a key component of the program for Grade Level K–Algebra I.

The *Apply* book is available for Grade Levels 1–5 and includes Practice Partners, Practice, and Family Math. These resources can be used as homework or as other school-based practice opportunities.

So, the Exit Ticket should be done before the Classwork?

As part of the preparation and planning for each lesson, we recommend that teachers (not students) actually “do” the math problems on the Exit Ticket. This helps teachers to know what students will be expected to do at the end of the lesson to inform the lesson customization process. During instruction, the Exit Ticket is completed by students at the end of the lesson.

I've observed for the younger students it is difficult for them to explain their thinking in the written form.

All students, but especially younger students, are given a choice when asked to explain their thinking in writing. A typical problem prompt in Grade Levels 1–2 is “show how you know.” This way, learners can explain and justify their solution path and answer using any combination of numbers, pictures, and words. There is a plethora of whitespace given for this reason. Lessons often provide sentence frames to support both written and oral responses. Students also get chances to analyze sample student work and may use them as models.

Students may also explain their thinking verbally and the teacher can observe their thinking by using the Achievement Descriptors and Observational Assessment Recording sheets (Grade Levels K–2 only). Students at all grade levels often explain their thinking in class and peer discussions with the support of the Talking Tool.

A lot of curriculum features are consistent with what I've seen in Greg Tang's workshops. Just curious, was he in an advisory/author role? Or is it just the overlap with Singapore Math strategies and representations?

We are not affiliated with either program. However, we are research based, and models and approaches may align. Many of our original writers were trained in Singapore Math.

Do you have a webinar for art teachers to implement the art connection?

We do not have a webinar on this topic currently, but thank you for the suggestion. You may enjoy this blog post on the topic.

<https://greatminds.org/math/blog/eureka/seeing-is-believing-the-power-of-using-art-to-teach-math>

Do you have a vocabulary list and definitions that teachers can copy and post on a word wall? you have a webinar for art teachers to implement the art connection?

Yes, you can find a terminology list at the end of each *Teach* book that includes both words and definitions.