

Curriculum Overview K-5



What is *Eureka Math*® *TEKS Edition*?

Great Minds® created *Eureka Math*® as an open educational resource (OER). *Eureka Math* teaches students the underlying concepts of math—the why, not just the how. Students learn multiple strategies and models to solve math problems, rather than tricks or mnemonic devices to pass a test.

In 2020, the Texas Education Agency chose Great Minds to develop high-quality math instruction materials for Grades K-5 through its Texas Home Learning Initiative. *Eureka Math TEKS Edition* is now available as an open educational resource for all schools in the state through the 2023-2024 school year. Schools across the country have seen remarkable gains in student achievement and engagement with *Eureka Math*, and now Texas students have access to the high-quality math curriculum—customized to meet the TEKS.

AT THE CORE OF *EUREKA MATH TEKS EDITION*

| FOCUS | RIGOR | COHERENCE |
|---|--|--|
| Through a special focus on topics centered on the Readiness Standards students develop an understanding of the why, not just the how, behind the numbers. | <i>Eureka Math TEKS Edition</i> exhibits unparalleled rigor throughout the grades. Students develop conceptual understanding and practice procedural skills and fluency. They also have opportunities to connect their learning with real-life application problems. | Topics, concepts, and mathematical models are linked across <i>Eureka Math TEKS Edition</i> modules and grade levels to help students build an enduring understanding of math. |

THE **DIGITAL** MATH SUPPORT YOU NEED

Learning

Eureka Math in Sync*™ *TEKS Edition has all the components of our high-quality classroom curriculum plus additional digital resources for remote learning. It offers daily direct instruction from a Great Minds coteacher through short digestible videos for each lesson, editable PDFs for student work, planning and preparation guidance for teachers, and resources to help families support their students at home.

Assessment

Supplementing the assessments embedded throughout the curriculum, ***Eureka Math Affirm*®** provides digital Mid-Module and End-of-Module assessments with instant grading to help educators gauge and meet student needs. *Affirm* tracks student progress over time and provides opportunities for students to practice and prepare for standardized assessments.

Diagnostic

***Eureka Math Equip*™** is a digital premodule adaptive diagnostic tool that identifies and addresses student learning gaps—and it's available for free for the 2021-2022 school year. Based on a student's diagnostic results, *Eureka Math Equip* identifies the student's last point of success and provides videos of targeted direct instruction and fluency activities to help students catch up while staying on track with grade-level content.

Financial Literacy

Eureka Math TEKS Edition is the only math program that meets 100 percent of the TEKS. Each module, at each grade level, features lessons created exclusively for Texas educators, including lessons that support personal financial literacy. The lessons were developed in collaboration with the Texas Education Agency and are approved for Texas classrooms. Each financial literacy lesson maintains coherence with the rest of the curriculum and save teachers from searching for à la carte materials to meet their grade's standards.



every child
is capable of
greatness

The *most widely* used K–5 math curriculum in the United States

Print Materials

Great Minds is the only source for print editions of the K–5 *Eureka Math* TEKS Edition curriculum. A Teacher Edition is available for every module for every grade. In addition, the following student materials are available:

Grades K–5

- *Learn* books include Application Problems, Problem Sets, and Exit Tickets.
- *Practice* books help students build math fluency and boost competency.
- *Succeed* books include additional Problem Sets and *Homework Helpers* sheets for practice outside class.
- The above books are available in both English and Spanish for Texas students.



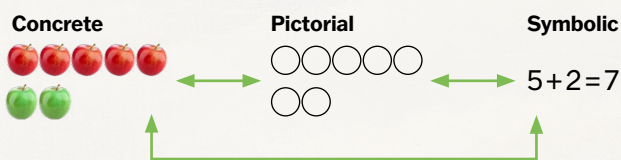
Math Manipulatives

We offer a curated collection of classroom materials and tools that develop student understanding and maximize coherence between grades while minimizing classroom distractions.

Lesson Structure for Grades K–5

Each K–5 *Eureka Math* TEKS Edition lesson includes the four distinct components below to promote balanced and rigorous instruction. (Grades K–5 lessons are 60 minutes.)

- **Fluency Practice** includes daily opportunities for students to reinforce knowledge of concepts and skills learned.
- **Application Problems** build students' fluency with word problems and demonstrate how math serves a purpose in their daily lives.
- **Concept Development** helps students master new content.
- **Student Debriefs** close every lesson by challenging students to share their thinking so teachers can gauge their understanding before they move on to the Exit Ticket.



Concrete–Representational–Abstract

The coherent progression of this model's approach helps students develop a deep and lasting understanding of math. Students use physical and visual aids first to help them understand a concept before they work with abstract problems. Teachers can use this model for scaffolding and remediation as well.

Professional Development

Great Minds is the only provider of *Eureka Math* TEKS Edition professional development designed and led by the curriculum's teacher-writers. Great Minds offers both virtual and in-person options for our multiyear sequence of professional development sessions.

There were 9 dogs in the park. More ran in. Then there were 12 dogs in all. How many dogs ran in?

1.) $\boxed{9 \text{ dogs}} \quad 3.) \begin{array}{|c|c|} \hline \overbrace{12 \text{ dogs}} & \\ \hline 9 \text{ dogs} & | ? \\ \hline \end{array}$

2.) $\boxed{9 \text{ dogs}} \quad \boxed{?} \quad 4.) \begin{array}{l} 9 + ? = 12 \\ ? = 3 \end{array}$

Read–Draw–Write

With this approach, students focus on thinking about and modeling the relationships presented in a word problem. Students read and reread the problem, analyze the information in it, draw a model to help them understand the problem, and form their conclusion before writing the answer to the problem.