



Eureka Math² California At a Glance

How Eureka Math² California is consistent with the Mathematics Framework for California Public Schools

California Standards

Not only are we consistent with the Framework and aligned to meet all of California's math standards, but we also believe all students should understand the *why* behind the math. We teach math as a story, using consistent models and instructional routines to build conceptual understanding and a robust toolkit for problem-solving.

Key Features

- Lessons begin with California Common Core State Standards, Achievement Descriptors and Standards for Mathematical Practice
- Spiral review at every module, ensuring students build lasting understanding
- Concrete–pictorial–abstract approach used as scaffolding to support complex problem-solving
- Fluency, Launch, Learn, Land: research-backed approach leveraging prior knowledge to access new learning
- Integrated peer-to-peer discourse to move beyond procedural memorization and support mathematical reasoning



Equity and Engagement

We ensure all students can see themselves—and others like them—reflected in our program. Students engage with real-world math and have frequent opportunities for discourse and collaboration using mathematical language. That's why equity and engagement aren't just emphasized in *Eureka Math² California*—they're central to the Great Minds® identity.

Key Features

- Big Ideas clearly stated at the start of every lesson
- “Before This Module” and “After This Module” sections show how content fits into the larger math story
- Open, engaging tasks throughout—open-ended lessons (K–5), modeling lessons (6–Algebra I)
- Support for culturally responsive teaching through resource videos and companion guides
- Student discourse built into every lesson
- Talking and Thinking Tool with focused questions to support mathematical language development



Multilingual Learner Support

In partnership with the English Learners Success Forum (ELSF), we embedded clear, useful, and research-based language supports—aligned to lesson-level objectives and designed to ensure equity and access for multilingual learners (MLLs).

Key Features

- ELSF-endorsed exemplar for MLL support with lesson-level sign-off to ensure alignment with their research-backed approach
- Clear language objectives in lesson openers and “I Can” statements in student materials to support goal setting
- California English Language Development -aligned strategies in margin notes
- Academic language scaffolds for students, including the Talking Tool
- Math Language Routines in front matter to support student language development
- Family Math available in English and Spanish



Data Science

Starting in kindergarten, students explore real-world data through short and long-form activities that spark analysis and critical thinking.

Key Features

- **Data Talks:** Quick, 10-minute activities built around real-world visualizations
- **Data Investigations:** Longer, multi-day explorations into real statistical questions
- Cross-curricular themes include science, history, pop culture, and more
- Available via the digital platform for flexible use



Big Ideas

We believe math is meant to be taught as a story—Units (K–5) → Ratios (6–8) → Functions (Algebra I). Our program is built around Big Ideas to ensure coherence across grades and modules, helping students develop layers of understanding over time.

Key Features

- Big Ideas identified at the start of every lesson and outlined with Content Connections in module front matter
- “Before This Module” and “After This Module” sections to show how content fits into the overarching math narrative
- Embedded spiral review to revisit and reinforce the Big Ideas



Student-Led Inquiry

Our teacher-writers embed low-floor/high-ceiling tasks that connect real-world math to classroom learning. Open-ended lessons, modeling, Data Investigations, and Performance Tasks actively engage students and bring inquiry to life.

Key Features

- Inquiry supported through **Data Investigations** and **Performance Tasks**.
- Open-ended and Modeling lessons for student-driven learning with strategic teacher support
- **Five Framing Questions** and **Notice and Wonder** routines to guide exploration and sense-making in math



Universal Design for Learning

Universal Design for Learning (UDL) is not just a consideration in our curricula—it is at the heart of it, ensuring students can access learning and demonstrate understanding in varied ways that are supported by embedded scaffolds.

Key Features

- Awarded the CAST Universal Design for Learning Product Certification
- UDL embedded in the DNA of our curriculum
- In-the-moment guidance and differentiation strategies that bring UDL to life



Environmental Principles and Concepts

Real-world data experiences such as Data Investigations and Data Talks bring Environmental Principles and Concepts to life, helping students understand how human actions affect the natural world.

Key Features

- **Data Talks:** Quick, 10-minute activities built around real-world visualizations
- **Data Investigations:** Longer, multi-day explorations into real statistical questions
- “Spotlight on the Environmental Principles and Concepts” margin notes connecting math to the environment