

# Benefits of the 2023 *California Mathematics Framework for California Public Schools: Kindergarten Through Grade Twelve*

The *California Mathematics Framework for California Public Schools (Mathematics Framework)* gives educators guidance on teaching and learning mathematics in an equitable and engaging way. Think of the framework as the “how to” manual for the mathematics standards. Please note the Common Core State Standards for Mathematics, which describe “what” students learn, have not changed.

## The Big Ideas of Mathematics

Using the framework, teachers guide students toward understanding the major mathematics concepts in each grade level. These are called Big Ideas.

## Real World Mathematics

The framework helps teachers design lessons that start with real-world mathematical questions, provide opportunities for students to learn and practice mathematical skills, and deepen their understanding of essential mathematics concepts.

## Benefits

- Focuses on students’ strengths, encourages curiosity, and connects learning to students’ everyday experiences
- Supports access to higher level courses in middle school when students are ready
- Provides guidance on language supports and includes leading research for supporting multilingual learners
- Provides guidance on teaching students to understand and use real data across all grade levels



*Mathematics Framework* adopted by the California State Board of Education July 2023