

California Math & YOU: Making Math Relevant for Every Student

Students learn best when they see the relevance of mathematics in their daily lives. *California Math & YOU* ensures that students experience math through meaningful, real-world contexts that strengthen their understanding, encourage problem-solving, and build confidence in their mathematical abilities.



STEAM Video: Shadow Drawings

28. **EROSION** You plant an oak tree to help prevent soil erosion and measure its growth over time. After m months, the height of the tree is $(8 + 3m)$ inches. How tall is the tree after 8 months? 3 years?



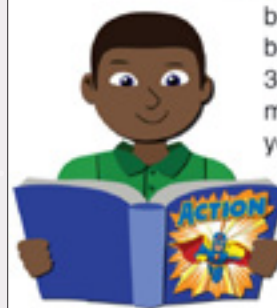
“YOU” Approach

Content language and imagery are purposefully written so that students see themselves in the mathematics. By fostering personal connections, incorporating cultural relevance, and creating engaging, student-centered learning experiences, the curriculum ensures that all learners feel represented and empowered in their mathematical journey.

Connect to Real Life

Every lesson incorporates real-world scenarios that are relatable and relevant to students’ lives. This ensures that students see the value of mathematics beyond the classroom and understand its impact on their daily experiences.

India's Notes
Equity in Action



4. **SMIP** **Connect to Real Life** Your friend borrowed 2 comic books and 2 fiction books from the library. You borrowed 3 more books than your friend. Use a model to find how many library books you borrowed.

books

Equitable & Inclusive Approach

Equity in Action notes from Dr. India White are embedded throughout the program to encourage equitable math instruction. These notes provide guidance on fostering an inclusive learning environment, supporting students’ social and emotional learning, and ensuring that diverse backgrounds and experiences are represented in mathematical problem-solving.



Learn more!
NGL.Cengage.com/BIL-CA-Math