



Connecting Mathematical Concepts to the Real World Through Career Exploration

Explore a world of careers with the *California Math & YOU* program, designed to inspire students from kindergarten through 12th grade. Guide students on a journey from early mathematical concepts to real-world application through innovative videos and interactive content.



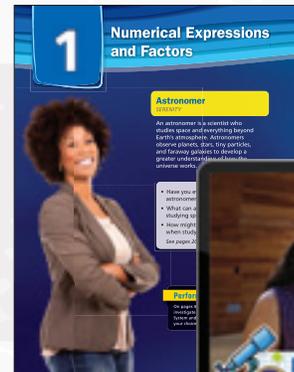
Elementary Engagement

Elementary students are introduced to fundamental math concepts through engaging narratives with various professionals, making learning fun and relatable. In grades K–2, these videos are hosted by a dynamic duo of furry friends, Newton and Descartes, while in grades 3–5, the videos are narrated by students who are the same age as the viewers, making the content even more relatable.



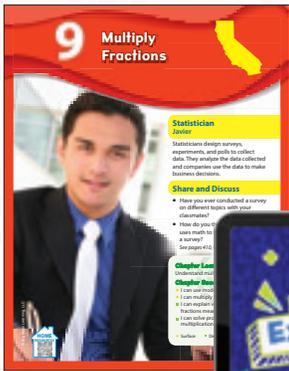
Middle School Engagement

In grades 6–8, students further explore the application of math in careers with videos highlighting professionals who use math in exciting and practical ways. This encourages deeper exploration of STEM fields, such as computer programming and astronomy.



High School Engagement

Students in grades 9–12 meet **National Geographic Explorers** at the beginning of each chapter, learning how these professionals apply math in their research and fieldwork, culminating in performance tasks that connect math to real-world problems.



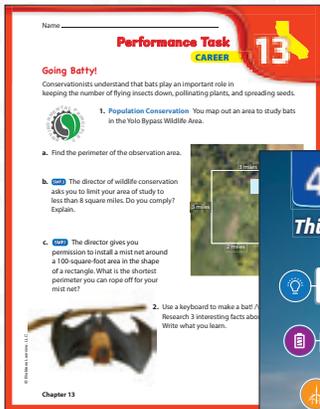
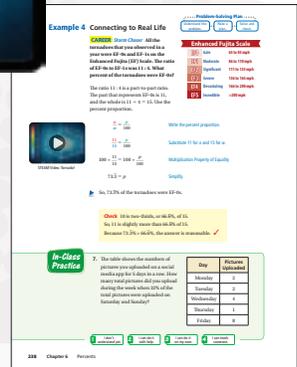
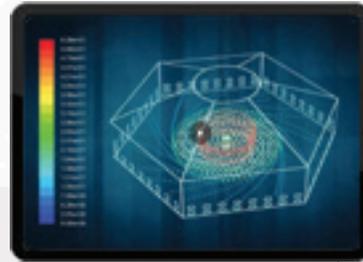
Career-Themed Chapters

Each chapter in *California Math & YOU* features a specific career, illustrating how math is applied in various professions. This approach helps students understand the relevance of their studies to real-world situations and answers the question, “When will I ever use this?”



Engaging Videos

As students progress through each grade, they explore more complex math concepts through engaging **STEAM Videos (3–8)**, **STEM Videos (9–12)**, **Career Explorations Videos (K–8)**, and **Everyday Explorations Videos (9–12)**. The videos grow in sophistication throughout the grade levels, connecting math to diverse topics ranging from product design to tornados, as well as careers in fields such as construction and engineering.



Real-World Applications Through Performance Tasks

Students develop their mathematical skills by completing end-of-chapter **Performance Tasks** that reinforce their learning and demonstrate the practical applications of math. These tasks help students understand how math is used in real-world scenarios, connecting their studies to the work of professionals.



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