



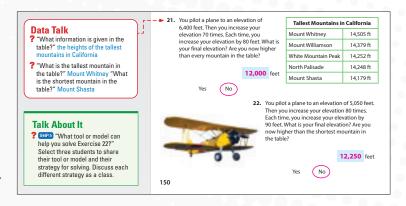


California Math & YOU: Bringing Mathematics to Life Through Data & Discourse

The 2023 California Mathematics Framework highlights data science and mathematical discourse as key to student engagement and understanding. *California Math & YOU* integrates these principles throughout the program, helping students develop problem-solving skills, mathematical reasoning, and communication abilities for real-world applications.

Mathematical Discourse

A classroom rich in discourse allows students to explore concepts, justify their reasoning, and engage with their peers' mathematical ideas. *California Math & YOU* fosters these discussions through **Math Talks, Data Talks, Talk About Its, Turn and Talks,** and **Language Routines**, fostering communication, confidence, and deeper mathematical understanding.





Record the size, volume, density, mass, and number of cells in the human body for each cell type. Use scientific notation where appropriate.

Create a data display that shows the total masses of these five cell types in

Empowering Students with Data Science

As data becomes more prevalent, data literacy is essential. California Math & YOU builds this skill through Connect to Data and Interpreting Data questions, which help students critically evaluate and apply data in meaningful ways. Performance Tasks further enhance their understanding by connecting math to real-world data.

Interactive data sets offer hands-on analysis as students explore patterns, test ideas, and draw conclusions.



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