





California Math & YOU: Environmental Connections

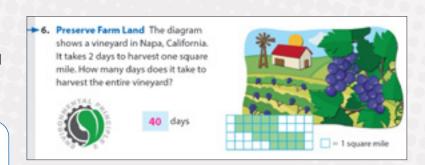
California Math & YOU brings math to life by embedding environmental awareness into every chapter. Aligned with California's Environmental Principles and Concepts (EP&Cs), the program encourages students to build meaningful connections between mathematics and the natural world while fostering critical thinking, inquiry, and problem-solving skills to address real-world challenges. California Math & YOU embeds these principles through two key features:

EP&C Integration: EP&Cs are incorporated into every chapter, with clear labeling and accompanying teacher notes to emphasize these connections.

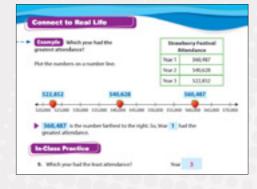
Environmental Principle 2



- "Many vineyards plant cover crops, which are plants that prevent weed growth, soil erosion, and water evaporating from the soil."
- ? "How does using a cover crop help the environment?" Sample answers: Chemical weed killers do not need to be used; Less water needs to be used.



Environmental Connections: Found throughout the Teaching Edition, these notes offer ideas for classroom discussions designed to inspire critical thinking about environmental topics.



Environmental Connections

- "California is one of the top strawberry-producing states in the United States. California produces many other crops including almonds, nectarines, lemons, and olives. Some farmers rotate their crops each season."
- ? "What are some benefits of crop rotation?" Sample answers: improves soil health, reduces the need for fertilizers
- ? "What are some disadvantages of crop rotation?" Sample answers: Not all crops can grow in the same soil conditions and climate; Some crops require special equipment and knowledge.

By integrating environmental themes, *California Math & YOU* helps students see the power of mathematics in understanding and addressing the world around them.



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