Visual Aids

California Education and the Environment Initiative

4

Science Standard 4.2.a.

Plants: The Ultimate Energy Resource

California Education and the Environment Initiative

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California Natural Resources Agency

California State Board of Education

California Department of Education

Department of Resources Recycling and Recovery (CalRecycle)

Key Partners:

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Office of Education and the Environment

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None required for this lesson.

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VA #1 California's Agricultural Income, 2007

$36.6 Billion

Source: California's Gross Cash Receipts, 2007, California Department of Food and Agriculture, California Agriculture Resource Directory 2008–2009

VA #2 Ecosystem Services: Pollinating Plants

VA #3 Ecosystem Services: Decomposition

VA #4 Ecosystem Services: Spreading Seeds

VA #5 Other Ecosystem Services

VA #6 Classroom Inventory

Things in the Classroom	Living?	What it Does	Survival Needs

VA #7 Wheat to Bread: Grass Seeds

1. Wheat grass grows in a field (on a farm or in natural systems). The grasses produce seeds called “wheat.”

2. Wheat kernels (seeds) are harvested by people.

VA #8 Wheat to Bread: At the Factory

3. The wheat kernels are washed and sorted in a factory.

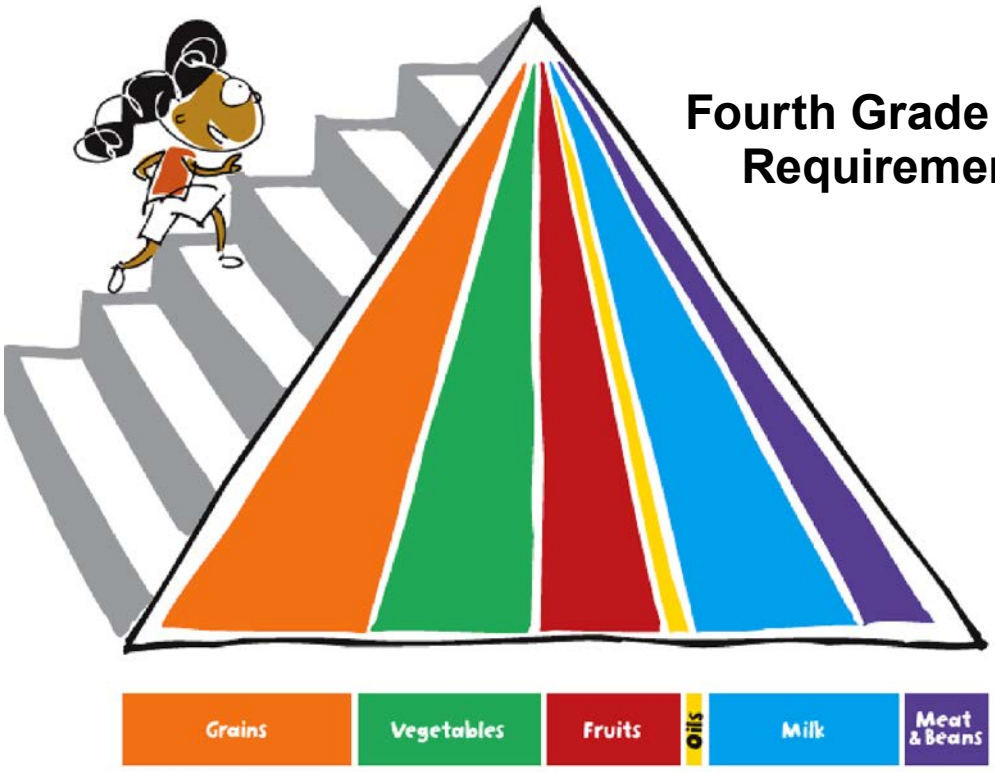
4. Wheat kernels are ground up into the powder we call "flour."

VA #9 Bread: Ready to Eat

5. Wheat flour is mixed with other ingredients to form dough and the dough is baked in an oven. The baking turns the dough into bread.

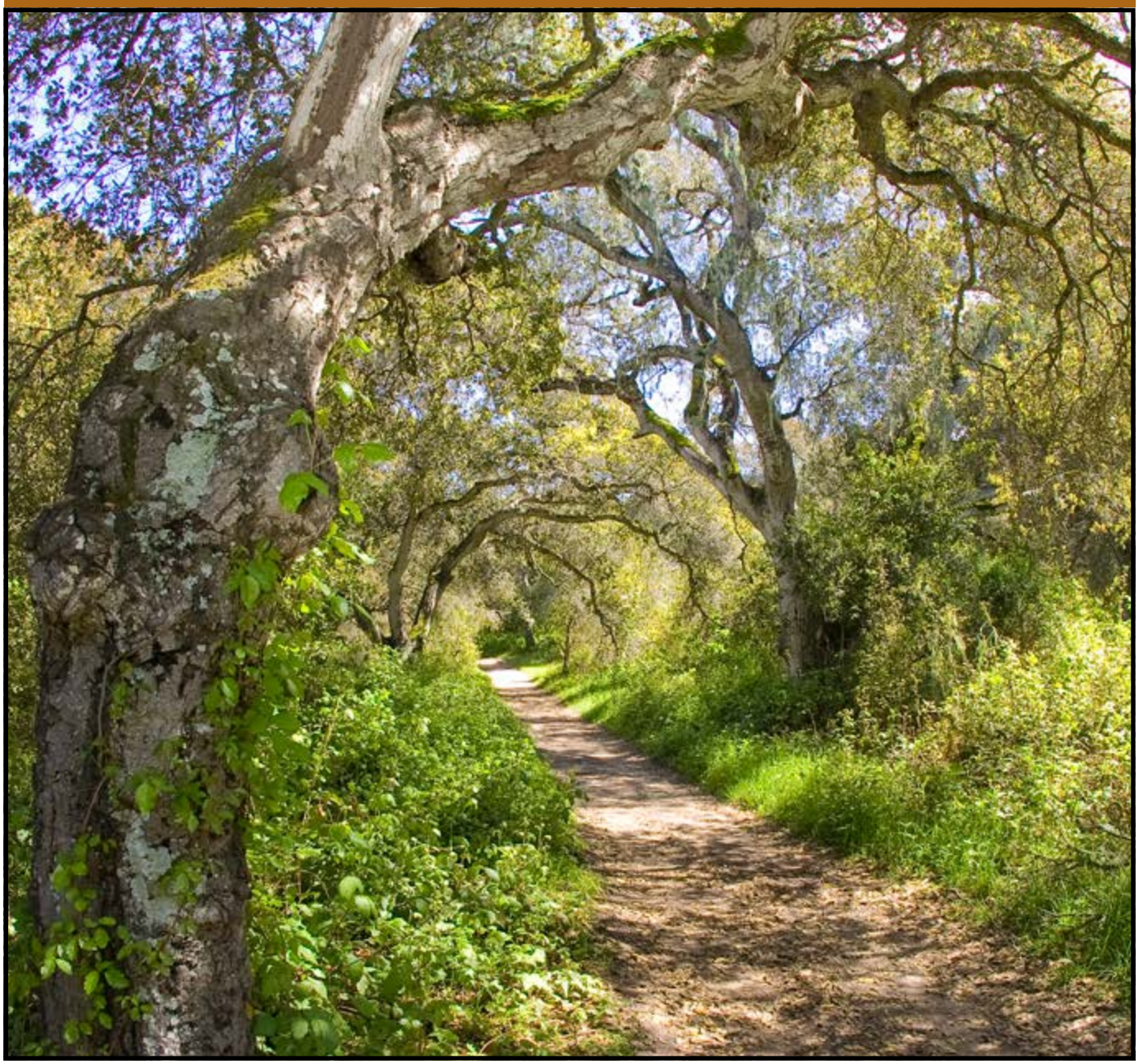
6. You buy the packaged bread at the store and eat it with a meal.

VA #10 USDA Food Pyramid: 2007



Food Groups	Girls	Boys
grains	5 ounces	6 ounces
vegetables	2 cups	2½ cups
fruit	1½ cups	1½ cups
milk or dairy	3 cups	3 cups
meat	5 ounces	5 ounces

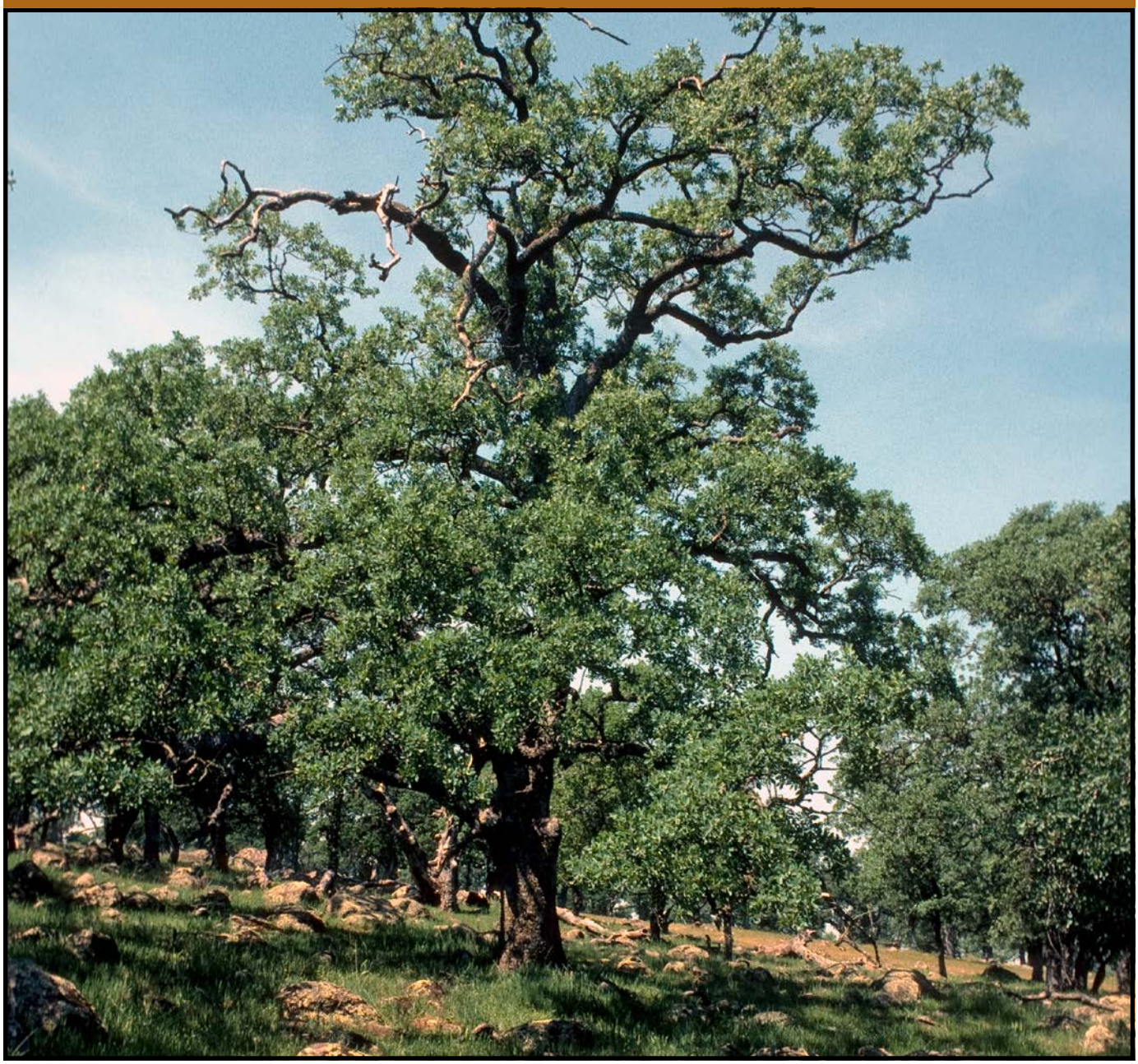
VA #11 Oaks of California: Coast Live Oak



VA #12 Oaks of California: Scrub Oak

VA #13 Oaks of California: Valley Oak

VA #14 Oaks of California: Blue Oak



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