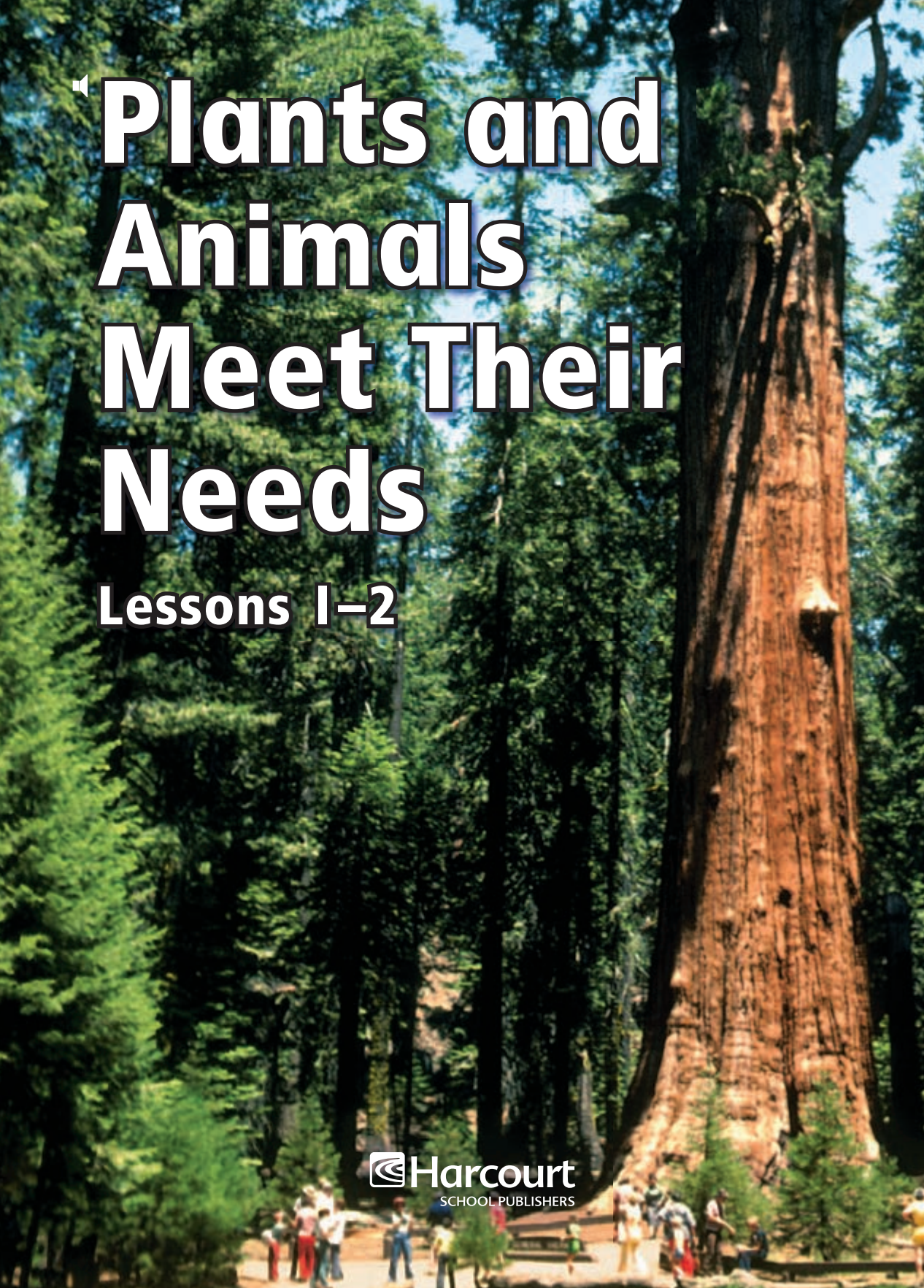


A photograph of a massive redwood tree in a forest. The tree's trunk is thick and reddish-brown, with a large hollowed-out section near the top. The canopy is dense with green leaves. In the foreground, a group of people, including children and adults, are gathered on a path, looking up at the tree. The scene is brightly lit, suggesting a sunny day.

Plants and Animals Meet Their Needs

Lessons 1–2

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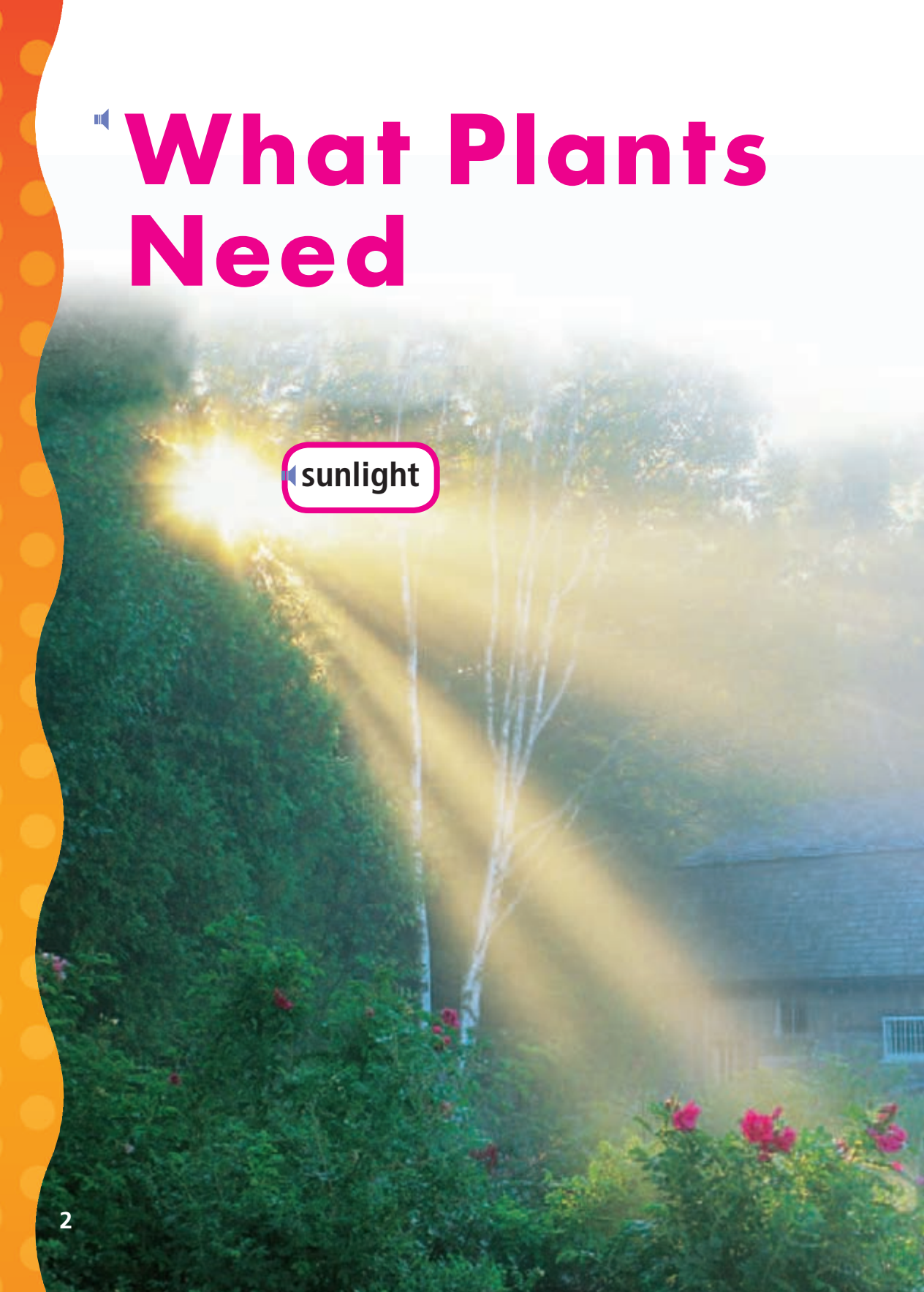
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Plants and Animals Meet Their Needs

Lessons 1–2

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What Plants Need

☛ sunlight

- 🔊 Plants make their own food.
- 🔊 Plants need light.
- 🔊 Plants need air.



Water and Soil



 water

 Plants need water.

Plants need nutrients from soil.



soil

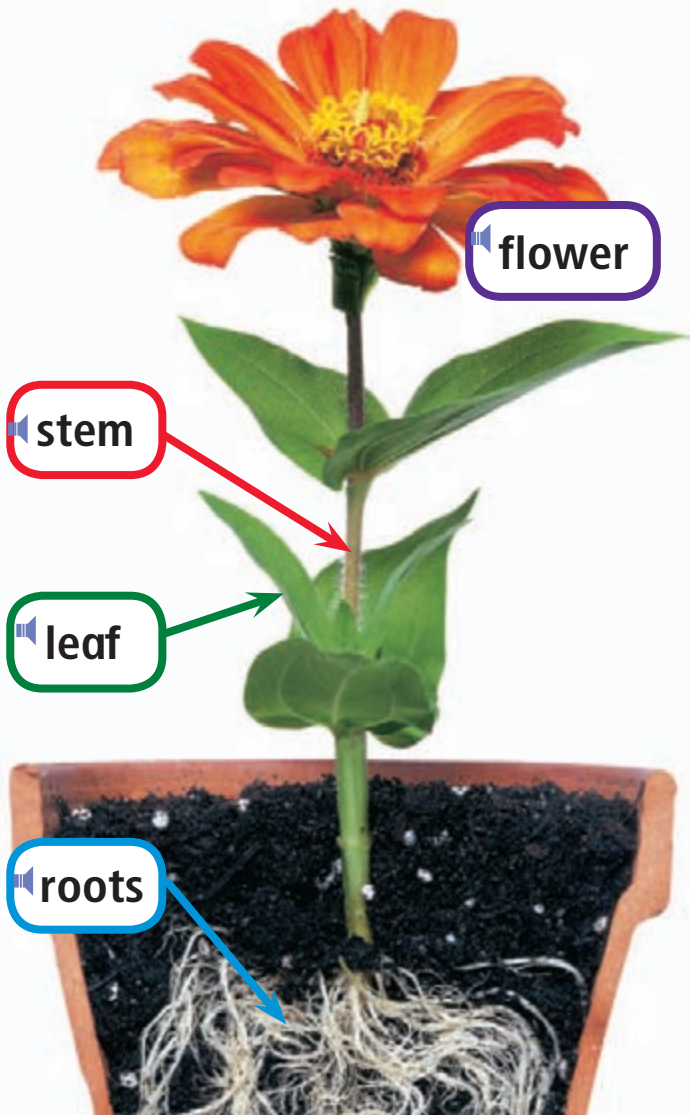
▶ Making Food



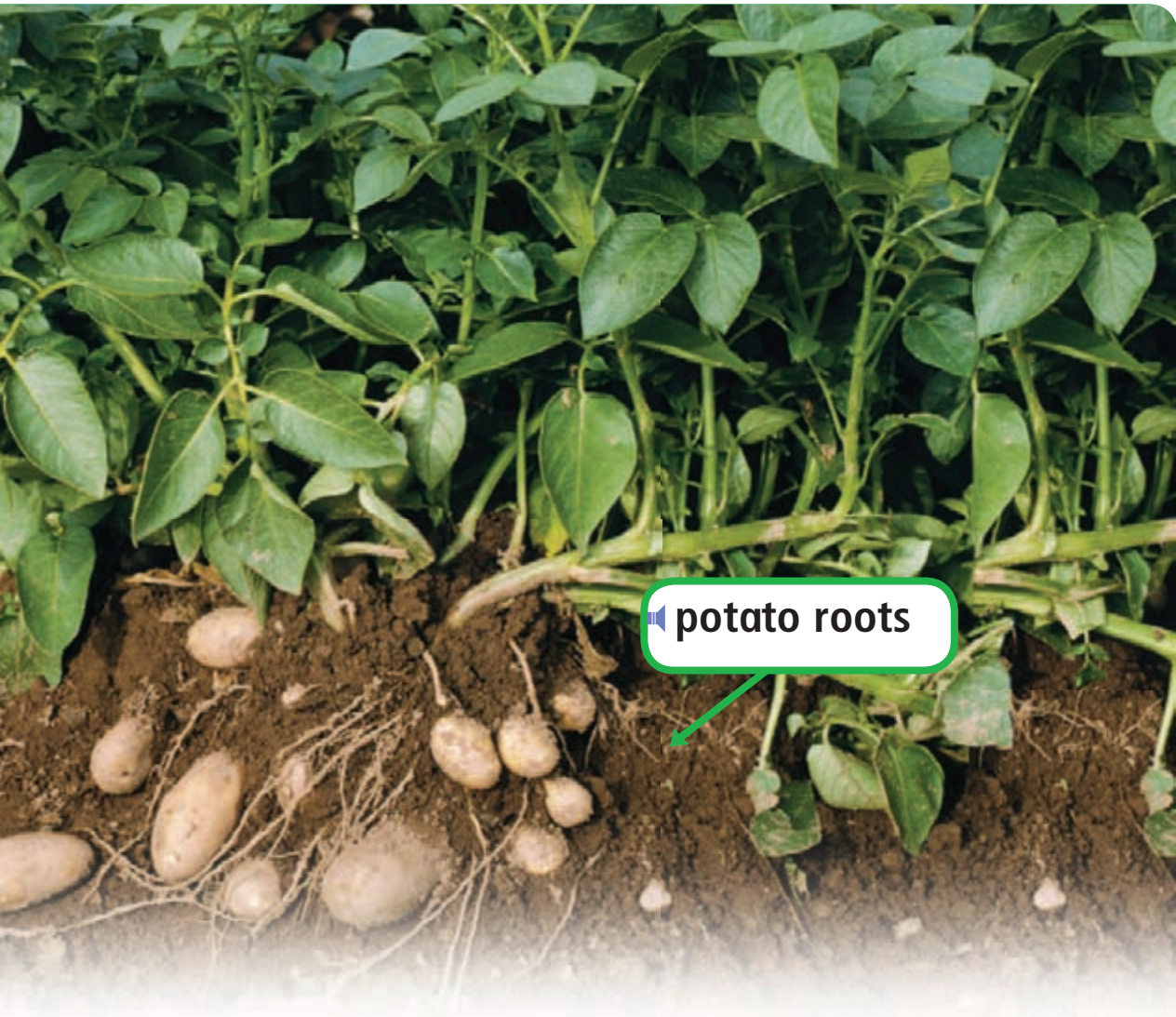
▶ Plants use these things to make food.

Parts of a Plant

- ▶ A plant has different parts.
- ▶ The parts help the plant live and grow.

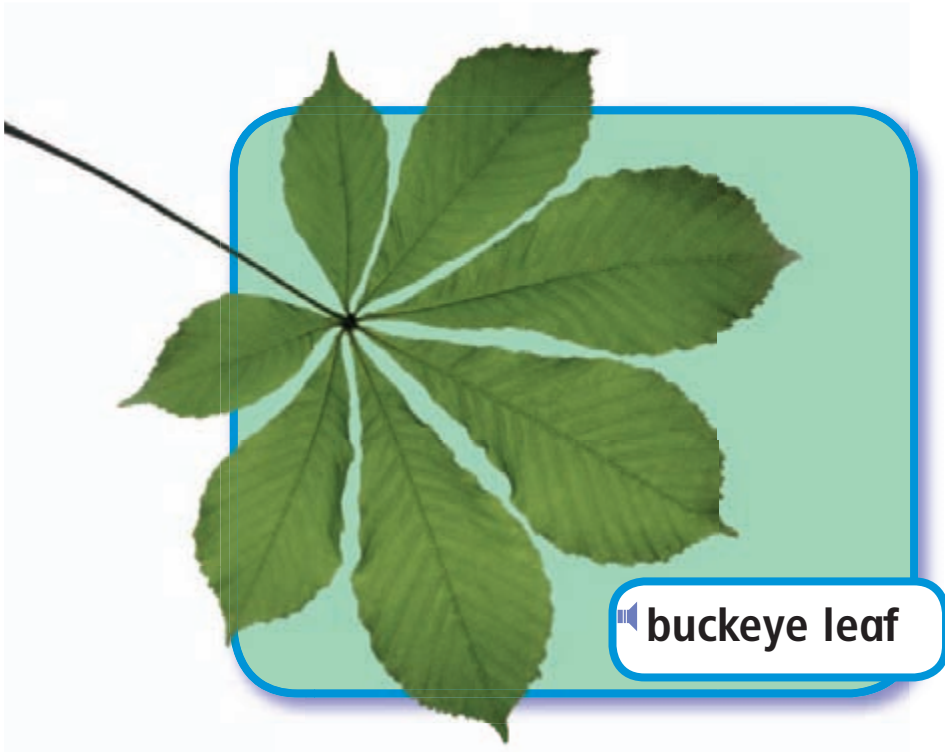


Roots



 Roots take in water and nutrients.

Leaves



- Leaves take in light and air.
- They use light and air to make food.

What Animals Need

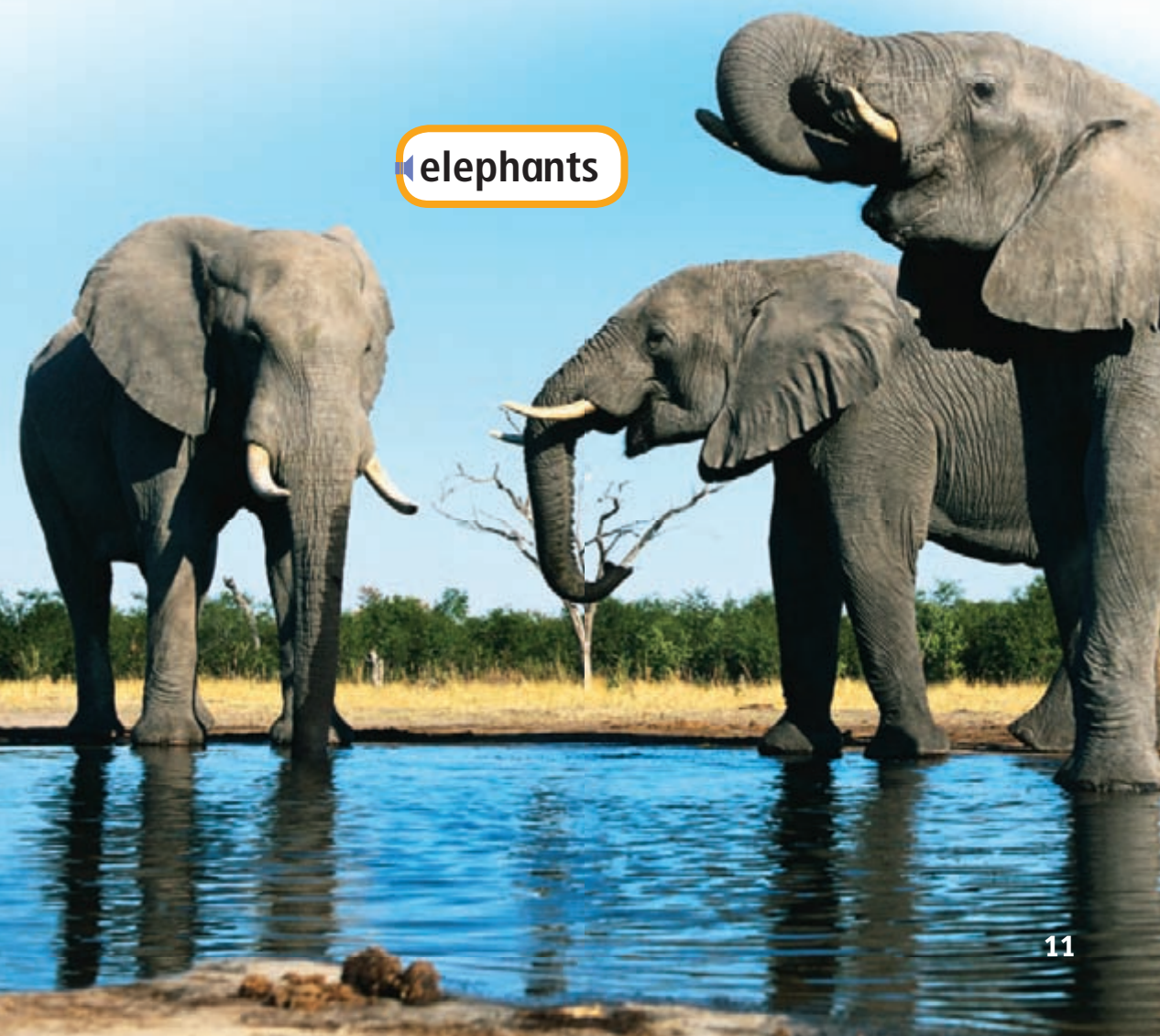


A panda has to find its food.

- Animals need food.
- Animals can not make their own food.

🔊 Animals need water.

🔊 elephants



Animal Teeth

- Some animals eat plants.
- These animals have flat teeth.



Flat teeth help these cows chew grass.



Pointed teeth help the cheetah bite and tear meat.

- Some animals eat other animals.
- These animals have pointed teeth.

Animals Need Air

- All animals need air.
- They have body parts that take in air.

■ The porcupine uses lungs to breathe air.

■ Gills take air from water.



Shelter

The owl uses the tree as shelter.



Most animals need shelter.

Vocabulary

-  plants, p.2
-  sunlight, p. 2
-  air, p. 3
-  water, p. 4
-  soil, p. 5
-  roots, p. 7
-  leaf, p. 7
-  food, p. 9
-  animals, p. 10
-  teeth, p. 12
-  shelter, p. 15

Think About the Reading

-  **1.** What questions do you have about plants and animals?
-  **2.** How can you find answers to these questions?

Hands-On Activity

-  **1.** Choose a plant at school or at home to observe.
-  **2.** Observe the plant each week. Is it getting what it needs to live and grow?

School-Home Connection

Tell a family member what you have learned about plants and animals. Talk about how plants and animals are alike and how they are different.