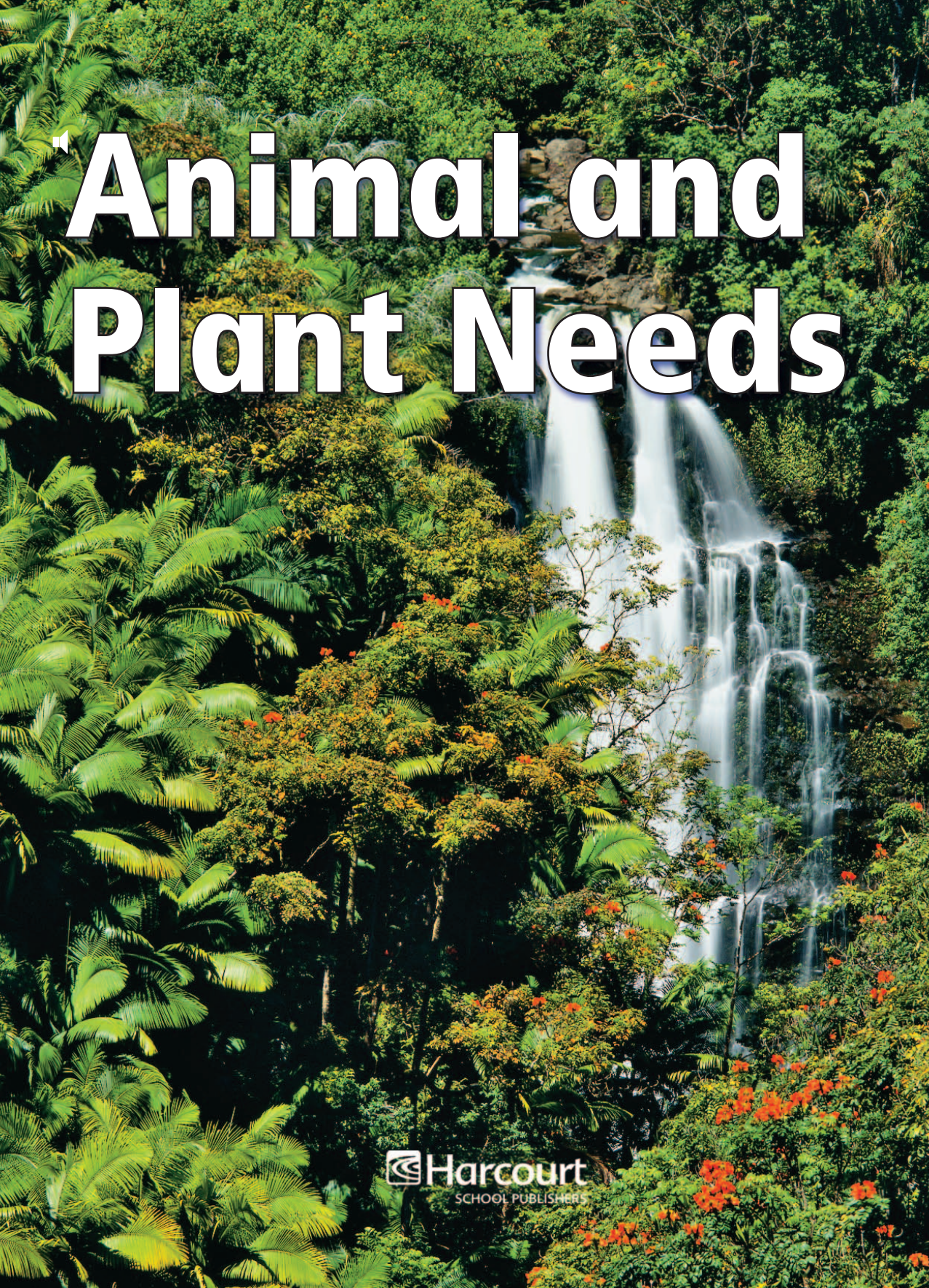




*Animal and Plant Needs

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Animal and Plant Needs

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Living Things

Living things need food, water, and air. Living things grow and change. They can make new living things.



 The frog on this statue is a living thing.

Moose are living things. They need water.



Animals are living things. Plants are living things. Living things are almost everywhere on Earth. They need things to grow and stay healthy.



MAIN IDEA AND DETAILS What are some living things?

Food and Water for Animals

Animals need food to live and grow. They have to find their food. Some birds find food in lakes, rivers, or oceans. These birds eat fish.

 Some animals eat plants. Some eat other animals.



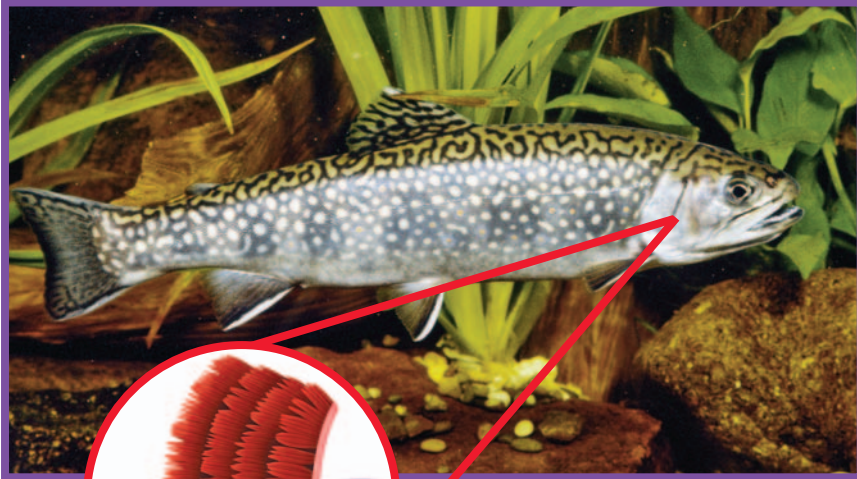


🔊 Animals also need water to live and grow. Zebras drink from ponds. They also get water from the foods they eat.



MAIN IDEA AND DETAILS What are two things animals need?

Animals Need Air and Shelter



A fish uses gills to take air from water.



Dogs use lungs to take in air.

All animals need air to live. Fish use gills to get air from water. Most other animals use lungs to take in air.

Fast Fact

Prairie dog burrows are called towns or villages. These shelters can house over one thousand prairie dogs!



Prairie dogs live in holes called burrows.

Animals also need shelter. A **shelter** is where an animal can be safe. Prairie dogs dig holes for shelter. Some birds build nests.



MAIN IDEA AND DETAILS What do animals need shelter for?

Water, Light, and Air for Plants

Fast Fact

▶ The Venus Fly Trap is not like most plants. It gets some of its food by catching insects!



▶ Some plants get water from rain. People water some plants.

▶ Plants make their own food. They need water, light, and air to make food. Plants also need nutrients from the soil. **Roots** take in the water and nutrients that plants need.



A bald-cypress does not store water like a cactus. It grows well in or near water.



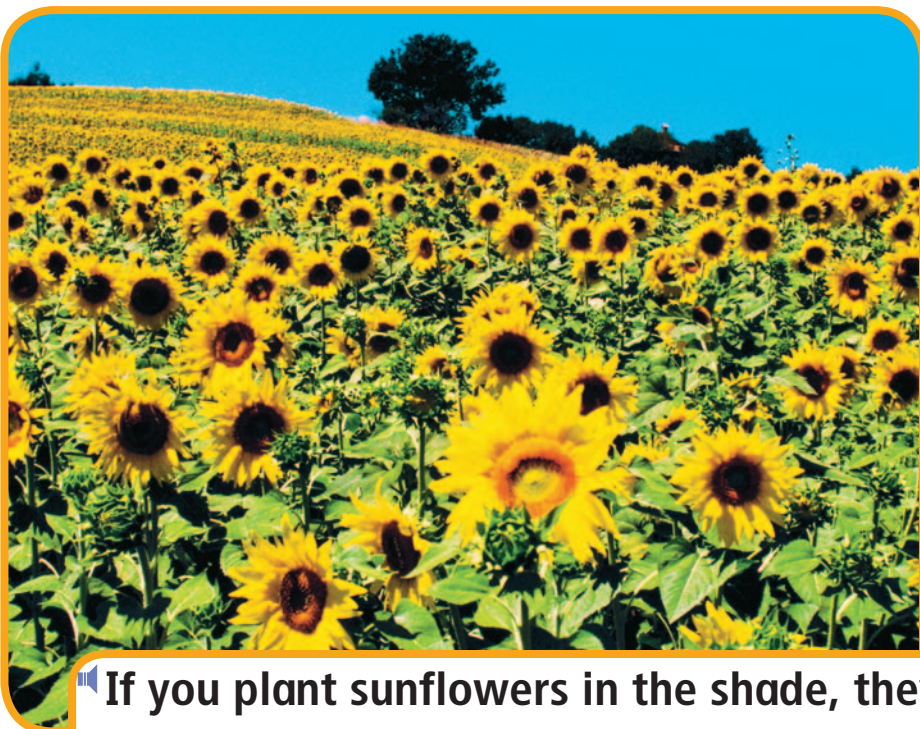
The saguaro cactus stores water in its spines.

Some kinds of plants need a lot of water. Other kinds, like cactus plants, need less water.



MAIN IDEA AND DETAILS What do plants need to make food?

Sunlight

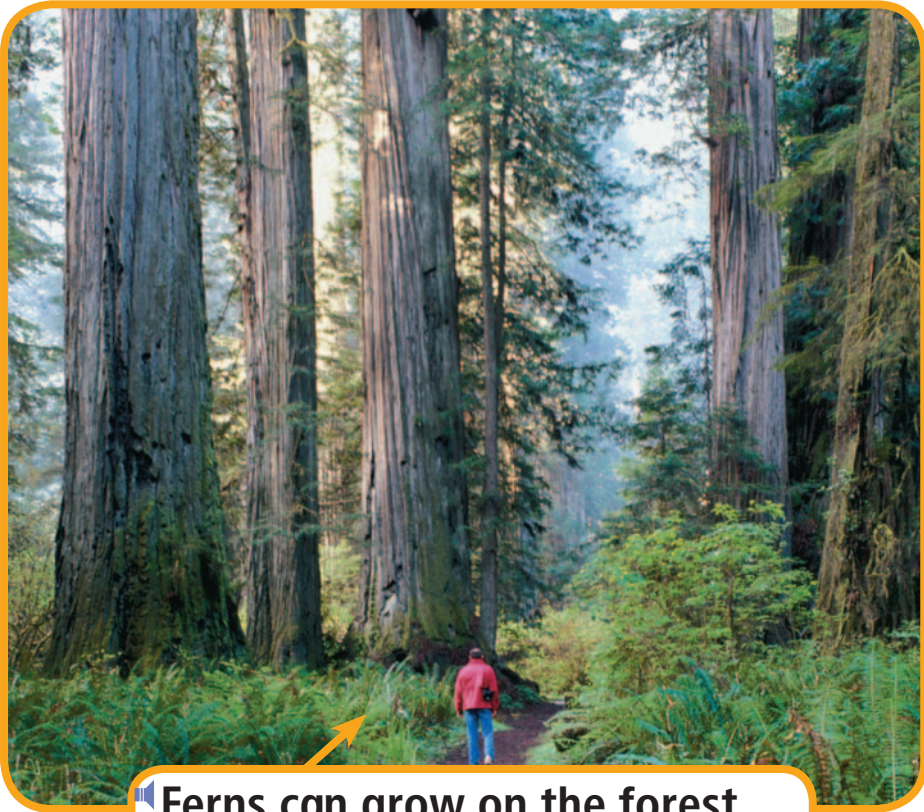


 If you plant sunflowers in the shade, they will stretch and grow toward the sun.

 Plants get light from the sun. **Leaves** take in light and air. Some plants need more light than others. Sunflowers need a lot of light. Ferns do not need a lot of light.



MAIN IDEA AND DETAILS What part of a plant takes in light and air?



Ferns can grow on the forest floor because they do not need much light to live.

Summary

Animals need food, water, air, and shelter. Plants need light, water, and air. Roots take in water and nutrients. Leaves take in light and air.



Glossary

-  **leaves** The parts of a plant that take in light and air to make food. (10, 11)
-  **roots** The parts of a plant that hold it in the soil and take in water and nutrients. (8, 11)
-  **shelter** A place where a person or an animal can be safe. (7, 11)

Think and Write

 **1.** What do animals need to live and grow?

 **2. MAIN IDEA AND DETAILS**

What do plants need to live and grow?

 **3. MAIN IDEA AND DETAILS** What body parts do animals have that help them take in air?

  **4.** Write about how roots help a plant.

Hands-On Activity

Wrap a rock and a plant in plastic. Put them in a dark place. What do you observe after one week? Two weeks?

School-Home Connection

Talk with a family member about the needs of plants and animals. What needs do people have?