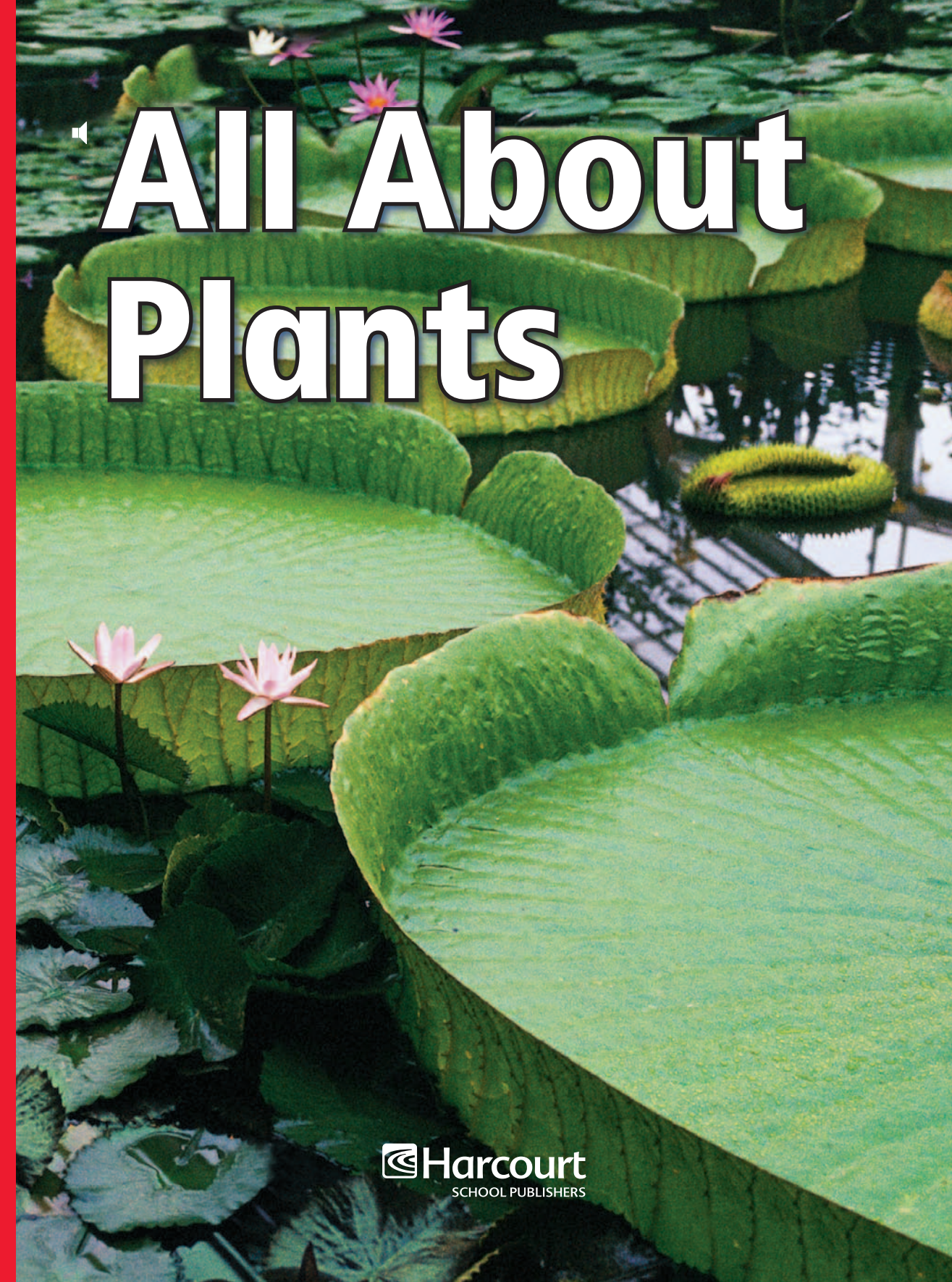


A photograph of a pond filled with large, round, green lily pads. Several pink water lilies are in bloom, with their long stems rising from the water. The water is dark and reflects the surrounding greenery. The overall scene is a lush, natural setting.

All About Plants

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All About Plants

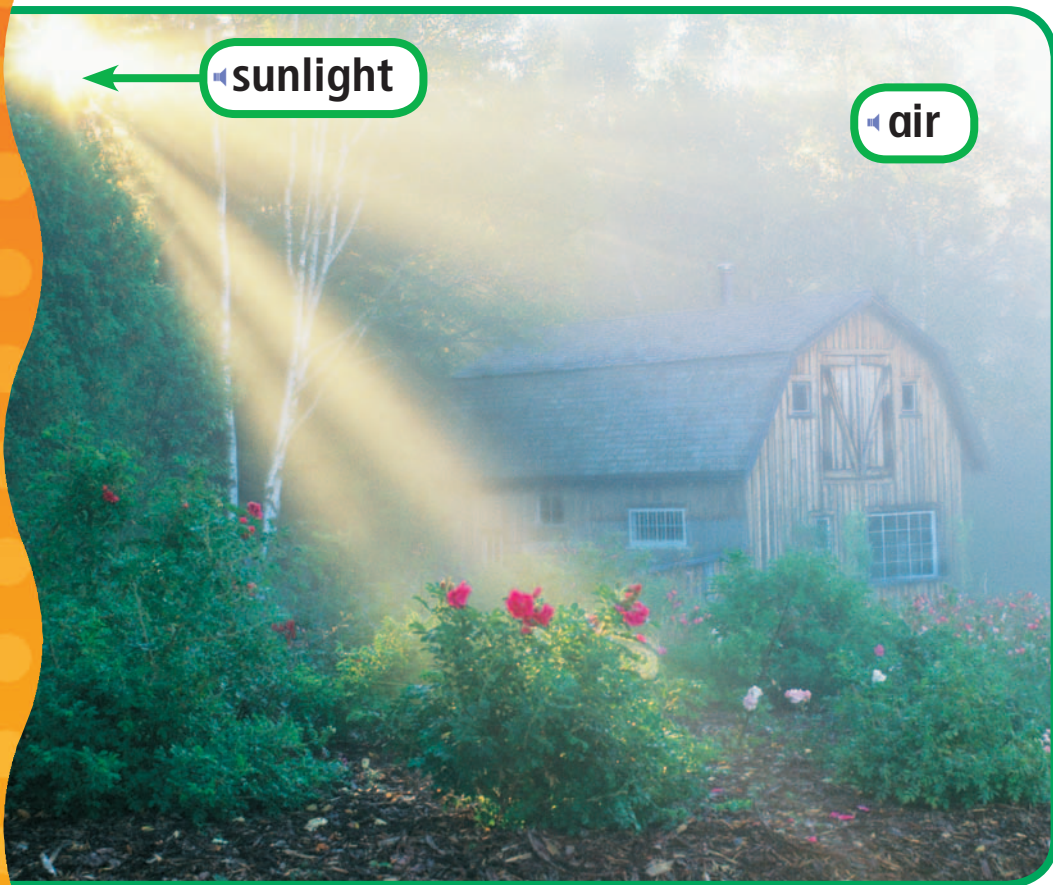
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What Plants Need



- Plants make their own food.
- They need light and air.



- Plants need water and nutrients.
- Plants use these things to make food.

Roots



roots



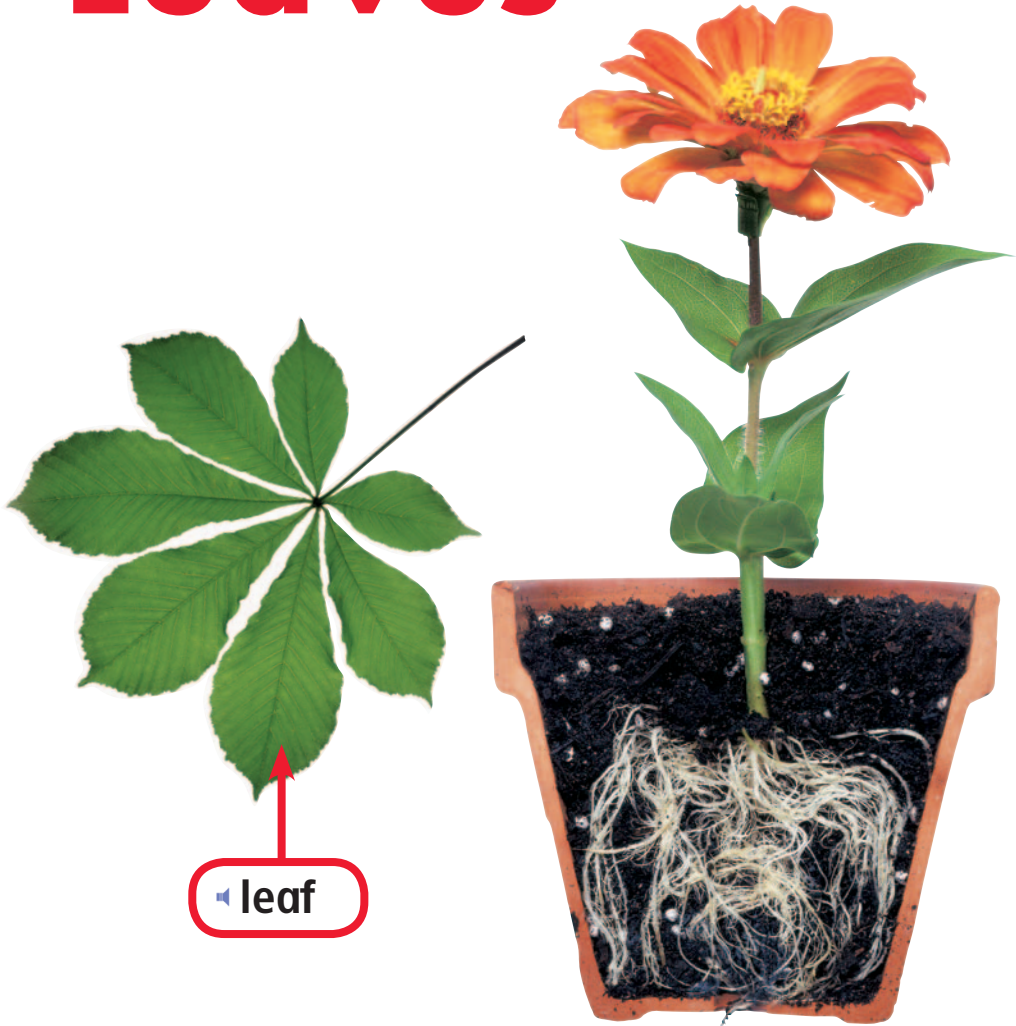
- ▶ Roots take in water and nutrients.
- ▶ Roots also help hold a plant in soil.

Stems



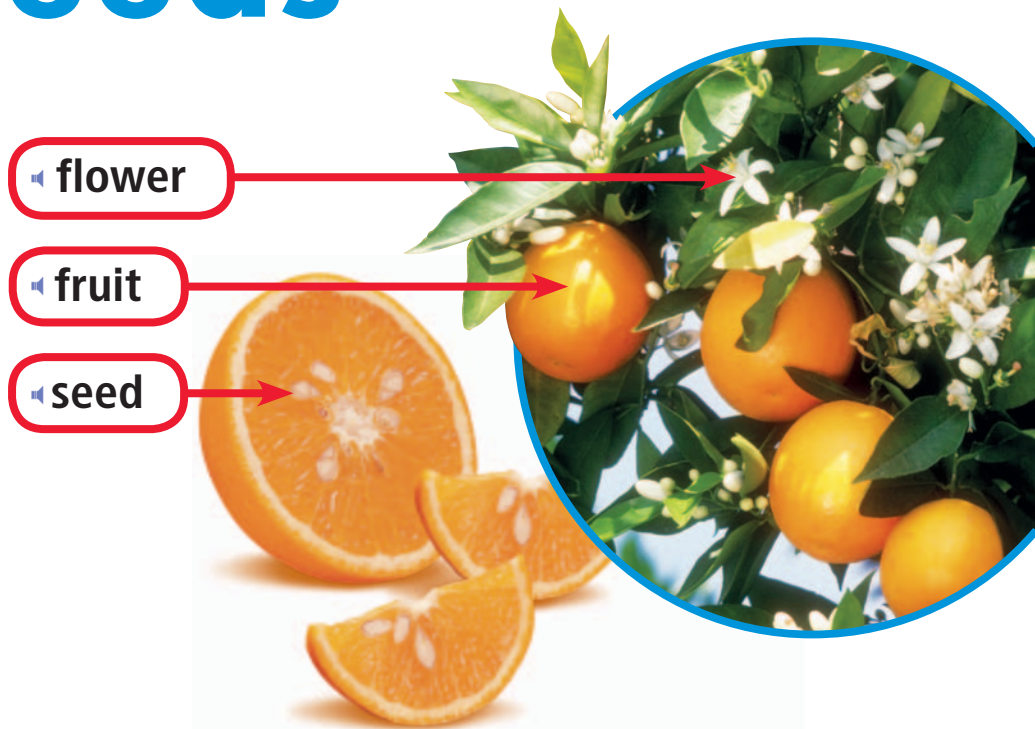
- Stems hold up the plant.
- Food and water move through stems.

Leaves



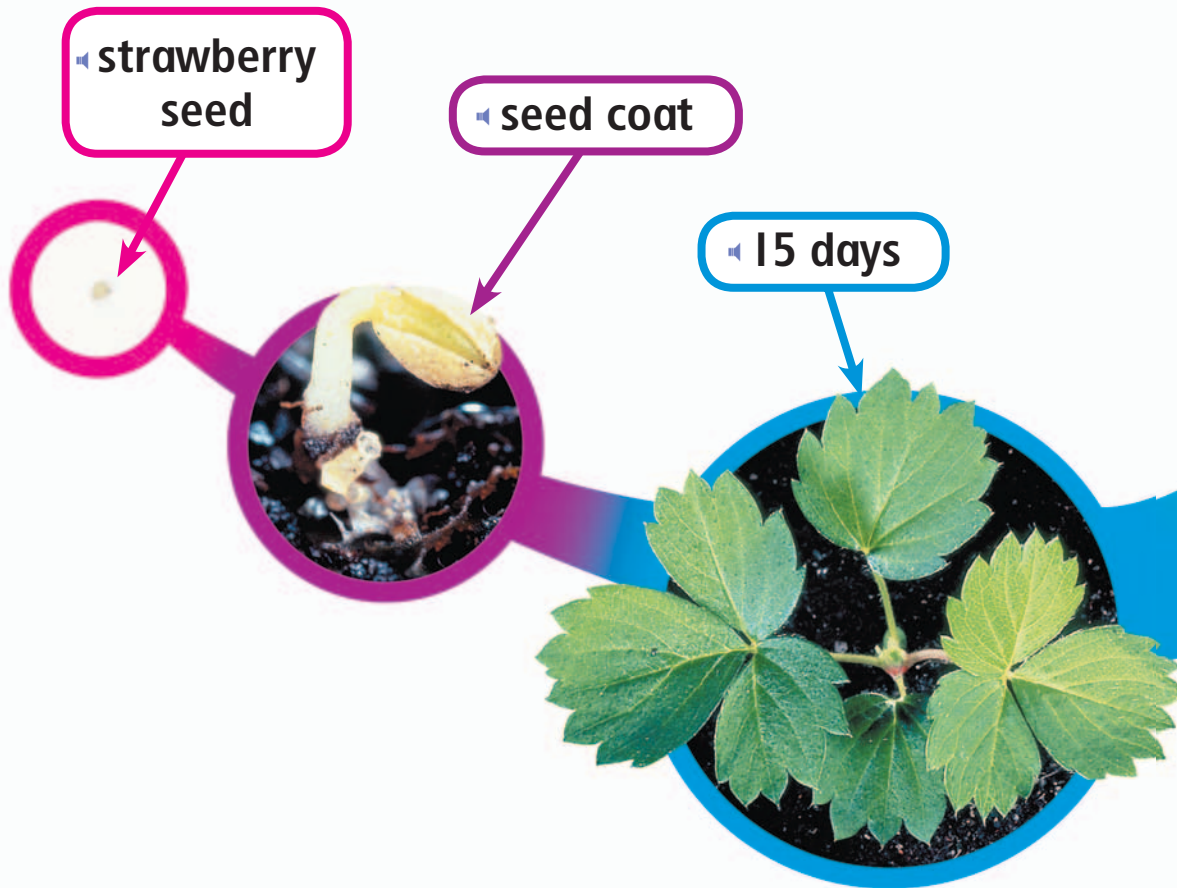
- Leaves take in light and air.
- Leaves use light and air to make food.

Flowers, Fruits, and Seeds



- Flowers make fruits.
- Seeds grow in the fruit.

How Plants Grow



- ▶ Most plants grow from seeds.
- ▶ A seed coat protects the seed.

60 days



45 days



- Inside the seed is a tiny plant.
- It needs warmth and water to grow.

Grouping Plants



- Grasses are a group of plants.
- Trees are another group.



nonedible



edible

- ▶ Edible plants are a group.
- ▶ Nonedible plants are another group.

▸ **Vocabulary**

- **sunlight, p. 2**
- **nutrients, p. 3**
- **roots, p. 4**
- **stems, p. 5**
- **leaves, p. 6**
- **flowers, p. 7**
- **fruits, p. 7**
- **seeds, p. 7**
- **seed coat, p. 8**
- **edible, p. 11**
- **nonedible, p. 11**

« **Think About the Reading**

- « **1.** What have you learned about plants from reading this book?
- « **2.** What more about plants would you like to learn?

« **Hands-On Activity**

- « **1.** Pick a plant to observe. It may be a plant at school or at home.
- « **2.** Observe the plant each week. Draw the plant. Date each picture.

« **School-Home Connection**

- « Tell a family member what you have read about plants. Talk with the family member about plants the family eats.