

All About Plants

The Big Idea

Plants need air, water, light, and nutrients to live and grow. Different parts of plants help plants get what they need.

On this page, show what you learn as you read this chapter.

Essential Question

What do plants need?

Essential Question

What are the parts of plants?



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Vocabulary



Sunlight is light that comes from the sun.



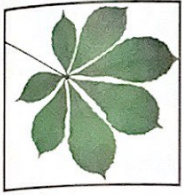
Nutrients are minerals in the soil that plants need to grow and stay healthy.



The **roots** are the parts of the plant that hold it in the soil and take in water and nutrients.



The **stem** is the part of the plant that holds up the plant and lets food and water move through the plant.



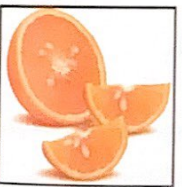
The **leaves** are the parts of a plant that take in light and air and make food.



The **flowers** are the parts of a plant that make fruits.

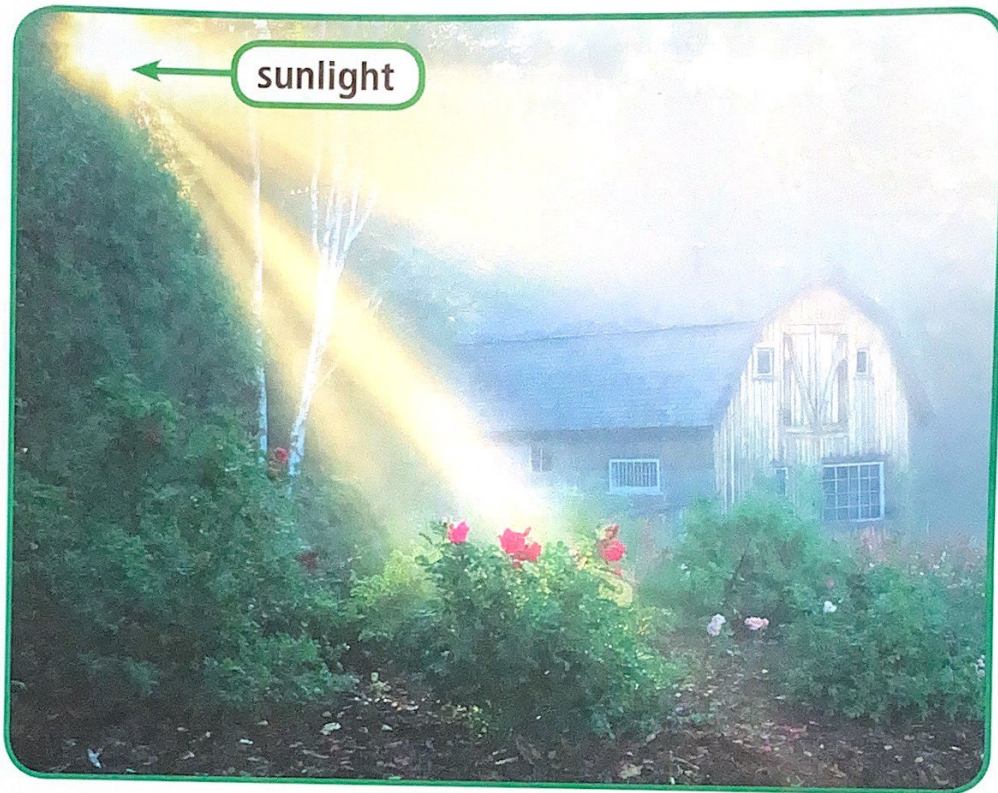


The **fruits** are the parts of a plant that hold the seeds.



The **seeds** are the parts of a plant from which new plants grow.

What Do Plants Need?



Plants make their own food.
They need **sunlight** to make food.

1. How do plants get food?

2. What is one thing that plants need to make food?

air

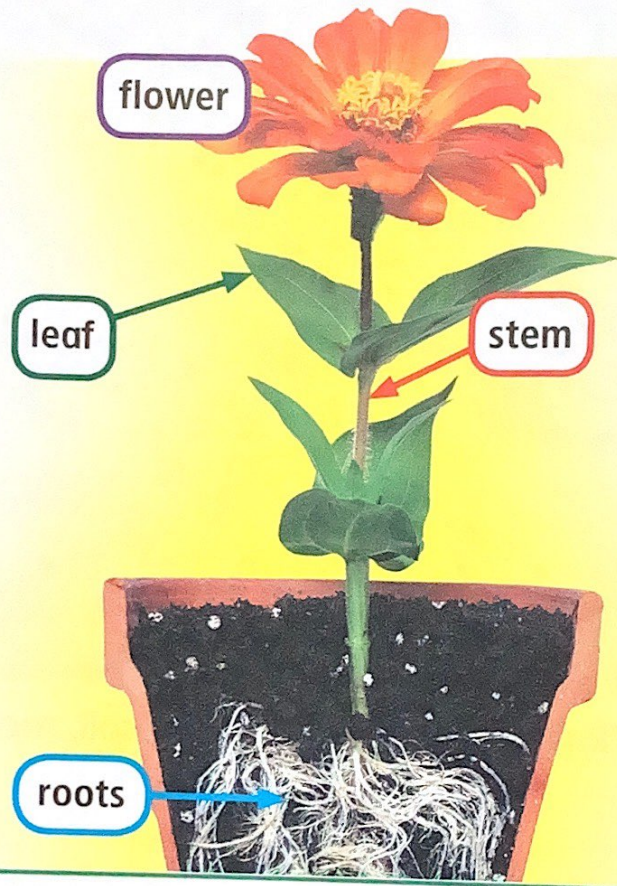


Plants also need air to make food.

3. Name another thing that plants need to make food.

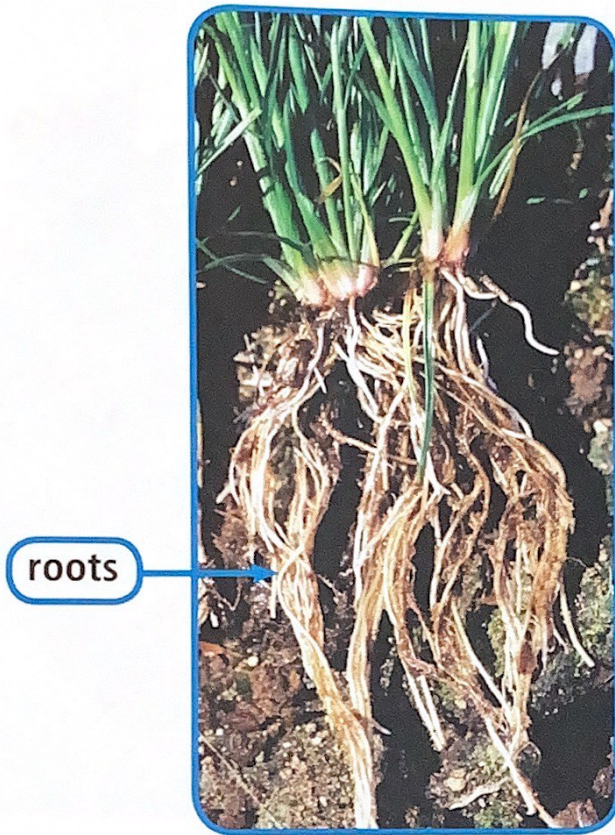
What Are the Parts of Plants?

Plants have different parts.



1. Name two parts that most plants have.

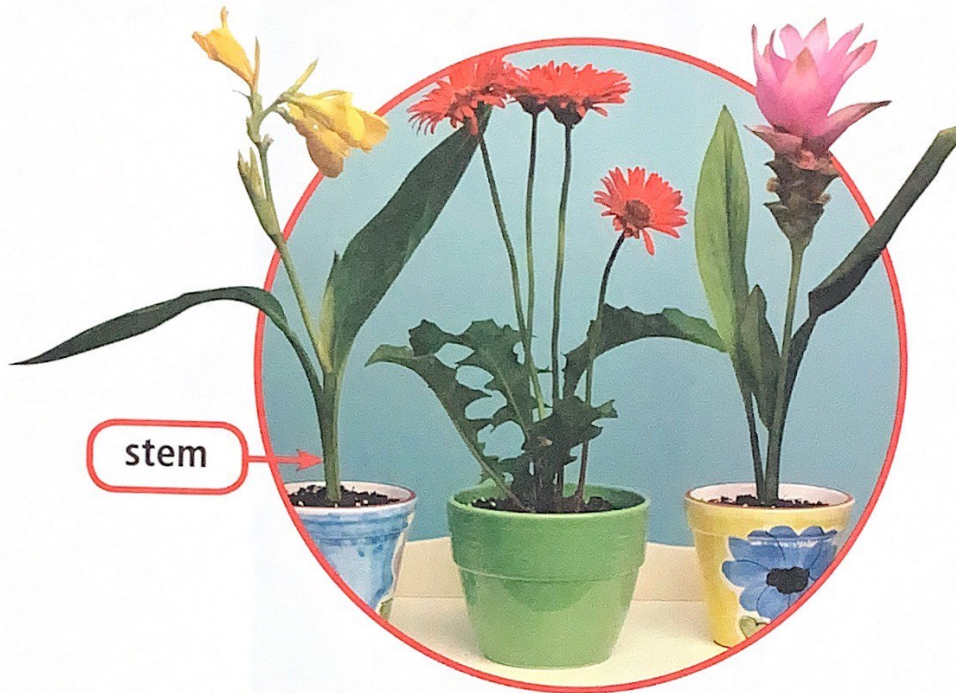
Roots



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

2. Look at the picture. Describe the kind of roots the plant has.

Stems



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

3. Name two ways that a stem helps plants.

Leaves



leaves



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

4. Do all leaves look the same? Explain.

Flowers, Fruits, and Seeds

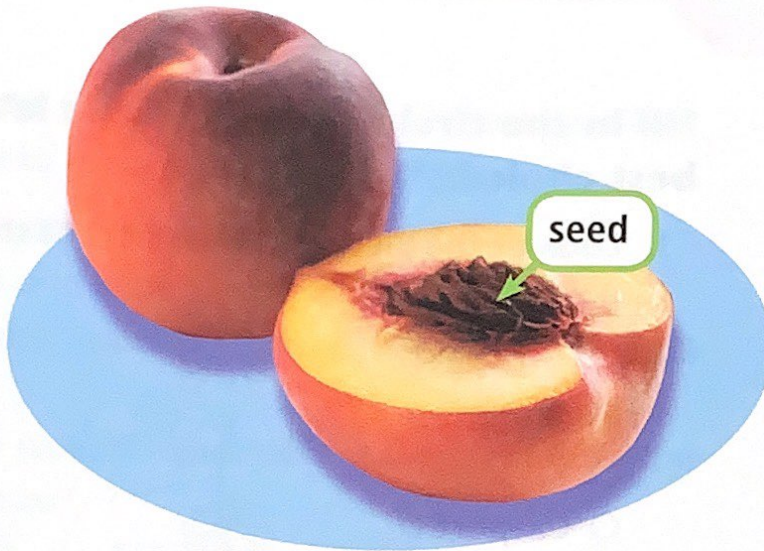
Many plants have **flowers**.

Flowers make **fruits**.



5. Name the two parts of a plant pictured on this page.

6. What do flowers do?



Seeds grow in the fruit.
New plants may grow from the seeds.

7. Circle the name of the part that grows in the fruit.

roots

seeds

flowers

8. What can grow from seeds?
