SCIENCE

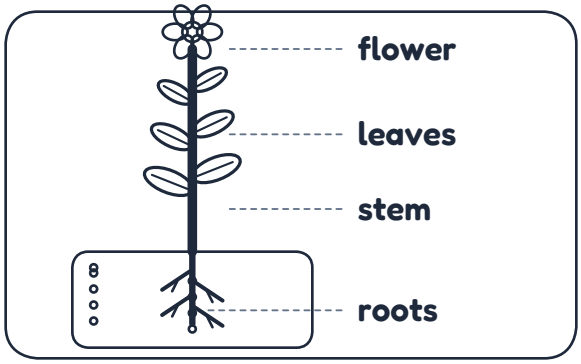
Parts of a plant

Name _____ Date _____

I can name the parts of a plant and tell what each part does.

1 How it works

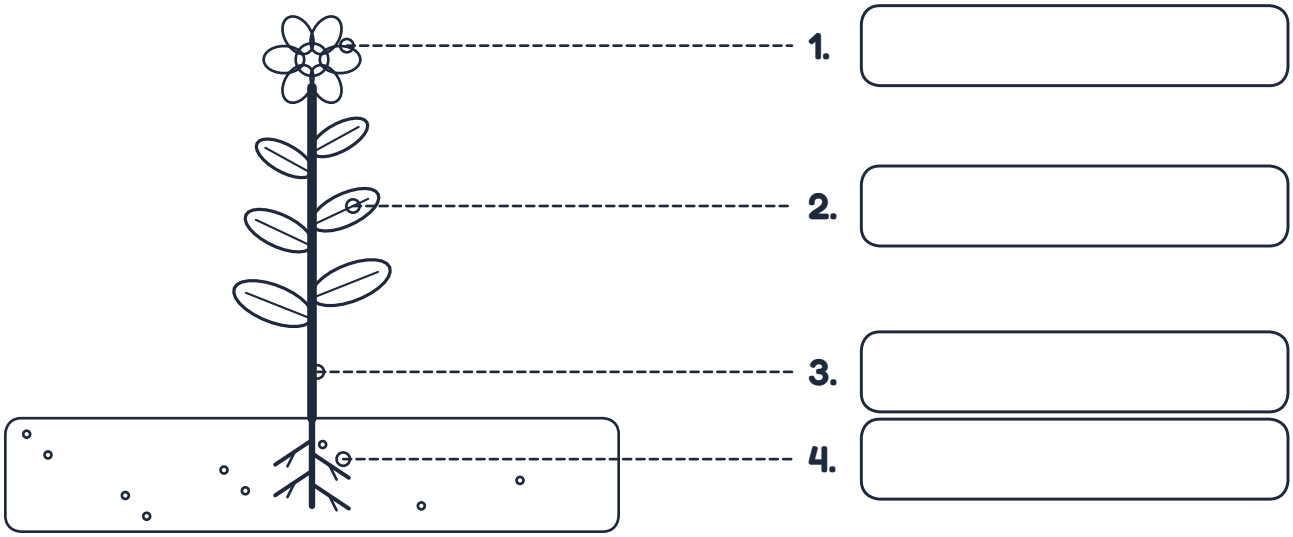
Most plants have four main parts. The roots grow under the ground. They hold the plant in the soil and drink water. The stem holds the plant up and carries water to the leaves. The leaves use sunlight to make food. The flower makes seeds, so new plants can grow.



2 Label the plant

Use the words in the box.

flower **leaves** **stem** **roots**



How did I do? ☆ ☆ ☆

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What does each part do?

Name _____ Date _____

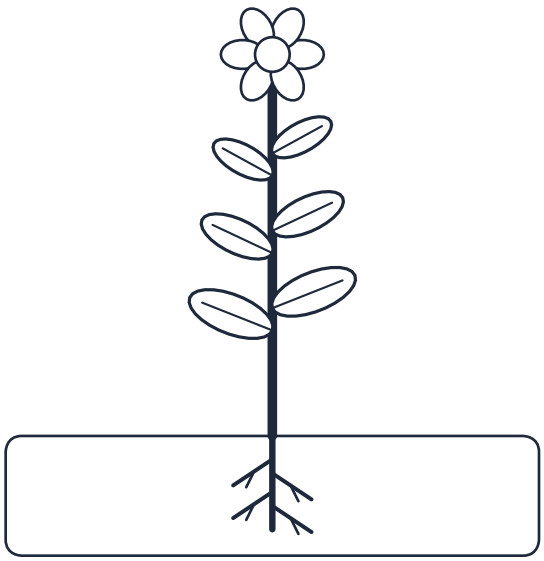
I can tell the job of each part of a plant.

1 Draw a line from each part to its job

flower	use sunlight to make food for the plant
leaves	hold the plant in the soil and drink water
stem	makes seeds, so new plants can grow
roots	holds the plant up and carries water

2 Color the plant

Follow the color key.



- **flower: red or yellow**
- **leaves: green**
- **stem: green**
- **roots: brown**
- **soil: tan**

How did I do? ☆ ☆ ☆

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Think like a scientist

Name _____ Date _____

I can explain how the parts of a plant help it live.

1 Which part am I?

I hold the plant up like a straw. What am I? _____

I hold the plant in the soil. I drink water. What am I? _____

I am colorful. I make seeds. What am I? _____

I am green and flat. I catch sunlight. What am I? _____

2 True or false? Circle it.

1. Roots grow under the ground.	true	false
2. Flowers can turn into fruit.	true	false
3. Leaves make food for the plant.	true	false
4. The stem makes seeds.	true	false
5. A plant can live without roots.	true	false

3 Draw a plant with all four parts. Label them.

How did I do? ☆ ☆ ☆

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Try it: water goes up the stem

Name _____ Date _____

I can see how a stem carries water to the leaves.

1 You need

-  a celery stalk with leaves
-  a clear cup
-  water
-  food coloring
-  a spoon

2 What to do

1. Fill the cup halfway with water.
2. Add 10 drops of food coloring and stir with the spoon.
3. A grown-up cuts the bottom off the celery. Stand the celery in the cup, leaves up.
4. Leave it in a sunny spot. Look at the leaves after 1 hour, 1 day and 2 days.

3 I predict

What will happen to the celery leaves?

_____

_____

4 What I see

Day	Draw it	What changed?
1 hour		
1 day		
2 days		

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: parts of a plant

1 Page 1

Labels: 1) flower; 2) leaves; 3) stem; 4) roots.

2 Page 2

Jobs: 1) flower: makes seeds, so new plants can grow; 2) leaves: use sunlight to make food for the plant; 3) stem: holds the plant up and carries water; 4) roots: hold the plant in the soil and drink water.

Coloring: flower red or yellow, leaves and stem green, roots brown, soil tan.

3 Page 3

Riddles: 1) stem; 2) roots; 3) flower; 4) leaves.

True or false: 1) true; 2) true; 3) true; 4) false; 5) false.

Drawing: flower, leaves, stem and roots, each labeled.

4 Page 4: Try it!

The colored water travels up tiny tubes inside the stem, so the leaves slowly change color. The change is easy to see after one day. This shows that the stem carries water from the roots to the leaves.

5 Teaching tip

Bring in a real plant, like a weed pulled out with its roots, and let children find each part with their fingers before they do the worksheet. Touching the roots and stem makes the words stick.

Safety: a grown-up does any cutting. Wash hands after handling seeds and soil. Do not eat the beans.

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