Name _____ Date _____

Science · Parts of a plant

Parts of a Plant

Read the big idea. Then label the parts.



Big idea

A plant has roots, a stem, leaves and flowers. Many plants also grow fruit with seeds inside. Each part has a job.

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

1. The part under the soil: _____
2. The part that holds the plant up: _____
3. The green flat parts: _____
4. The bright, colourful part: _____
5. The part that holds seeds: _____

Name _____ Date _____

Science · Parts of a plant

Roots

Fill in the blanks.

soil water hold carrot

1. Roots grow down into the _____.
2. Roots take in _____ for the plant.
3. Roots _____ the plant in the ground.
4. We eat the root of a _____.

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Name _____ Date _____

Science · Parts of a plant

Stem

Fill in the blanks.

up | carries | tall | trunk

1. The stem holds the plant _____.
2. The stem _____ water to other parts.
3. A strong stem helps a plant grow _____.
4. The stem of a tree is called a _____.

Name _____ Date _____

Science · Parts of a plant

Leaves

Fill in the blanks.

food **sunlight** **green** **air**

1. Leaves make _____ for the plant.
2. Leaves need _____ to make food.
3. Most leaves are _____.
4. Leaves take in _____.

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Name _____ Date _____

Science · Parts of a plant

Flowers, Fruit and Seeds

Fill in the blanks.

seeds | bees | fruit | eat



1. Flowers make _____ and fruit.



2. Bright flowers bring _____.



3. An apple is a _____.



4. Seeds grow into new plants. Some fruits we can _____.

Name _____ Date _____

Science · Parts of a plant

Which Part Does This?

Circle the right part.

1. Takes water from the soil — roots / flower
2. Makes food using sunlight — leaves / stem
3. Holds the plant up — stem / seed
4. Grows into a new plant — seed / leaf
5. Holds seeds inside — fruit / root

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Name _____ Date _____

Science · Parts of a plant

Parts We Eat

Circle the part of the plant we eat.

1. carrot

root leaf fruit stem seed flower

2. spinach (palak)

root leaf fruit stem seed flower

3. mango

root leaf fruit stem seed flower

4. potato

root leaf fruit stem seed flower

5. peas

root leaf fruit stem seed flower

6. cauliflower

root leaf fruit stem seed flower

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Name _____ Date _____

Science · Parts of a plant

What Plants Need

Fill in the blanks.



What plants need

Plants need sunlight, water, air and soil to grow healthy.

1. A plant in a dark cupboard gets no _____.
2. A plant with no _____ wilts and dries up.
3. Roots grow in _____.

Name _____ Date _____

Science · Parts of a plant

Grow and Watch

Plant a seed and record what happens.

Put a bean or chickpea seed on wet cotton in a jar. Keep it near a window. Check it every two days.

Day 2: _____

Day 4: _____

Day 6: _____

Draw your seed on day 6.

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Name _____ Date _____

Science · Parts of a plant

Draw and Label

Draw a plant and label all its parts.

My plant (label: roots, stem, leaves, flower, fruit)

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ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Parts of a Plant

Read the big idea. Then label the parts.



Big idea

A plant has roots, a stem, leaves and flowers. Many plants also grow fruit with seeds inside. Each part has a job.

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

1. The part under the soil: **roots**
2. The part that holds the plant up: **stem**
3. The green flat parts: **leaves**
4. The bright, colourful part: **flower**
5. The part that holds seeds: **fruit**

ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Roots

Fill in the blanks.

soil water hold carrot

1. Roots grow down into the **soil** .
2. Roots take in **water** for the plant.
3. Roots **hold** the plant in the ground.
4. We eat the root of a **carrot** .

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ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Stem

Fill in the blanks.

up carries tall trunk

1. The stem holds the plant **up** .
2. The stem **carries** water to other parts.
3. A strong stem helps a plant grow **tall** .
4. The stem of a tree is called a **trunk** .

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ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Leaves

Fill in the blanks.

food sunlight green air

1. Leaves make **food** for the plant.
2. Leaves need **sunlight** to make food.
3. Most leaves are **green** .
4. Leaves take in **air** .

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ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Flowers, Fruit and Seeds

Fill in the blanks.

seeds | bees | fruit | eat



1. Flowers make **seeds** and fruit.



2. Bright flowers bring **bees** .



3. An apple is a **fruit** .



4. Seeds grow into new plants. Some fruits we can **eat** .

ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Which Part Does This?

Circle the right part.

1. Takes water from the soil — **roots** / flower
2. Makes food using sunlight — **leaves** / stem
3. Holds the plant up — **stem** / seed
4. Grows into a new plant — **seed** / leaf
5. Holds seeds inside — **fruit** / root

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ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Parts We Eat

Circle the part of the plant we eat.

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root leaf fruit
stem seed flower

2. spinach (palak)

root **leaf** fruit
stem seed flower

3. mango

root leaf **fruit**
stem seed flower

4. potato

root leaf fruit
stem seed flower

5. peas

root leaf fruit
stem **seed** flower

6. cauliflower

root leaf fruit
stem seed **flower**

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Science · Parts of a plant

What Plants Need

Fill in the blanks.



What plants need

Plants need sunlight, water, air and soil to grow healthy.

1. A plant in a dark cupboard gets no **sunlight** .
2. A plant with no **water** wilts and dries up.
3. Roots grow in **soil** .

ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Grow and Watch

Plant a seed and record what happens.

Put a bean or chickpea seed on wet cotton in a jar. Keep it near a window. Check it every two days.

Day 2: _____

Day 4: _____

Day 6: _____

Answers will vary.

Draw your seed on day 6.

Drawings will vary.

ANSWER KEY

Name _____ Date _____

Science · Parts of a plant

Draw and Label

Draw a plant and label all its parts.

My plant (label: roots, stem, leaves, flower, fruit)

Drawings will vary.