Green Plants

Many plants share the same basic features: roots, stem or trunk, leaves and flowers.

Draw a line to match each plant feature to the correct definition. Then, draw lines to match each definition to the correct parts of the plants below. You may need to draw more than one line from some definitions. Two lines have been drawn for you.

roots

stem or trunk

leaf

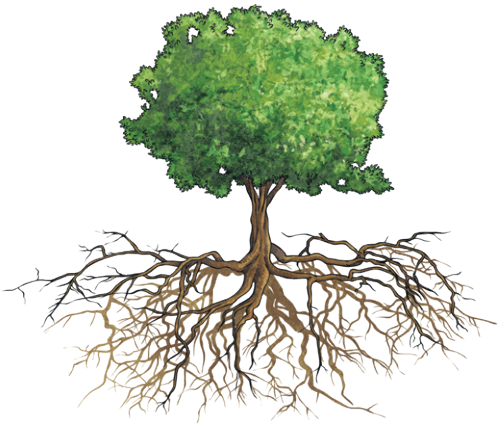
flower

The part of the plant that makes use of water, sunlight and carbon dioxide to make food for the plant.

The part of the plant that contains nectar, which attracts pollinators, such as insects.

The part of the plant that takes up water and nutrients from the soil and keeps the plant stable.

The part of the plant that allows water and nutrients to travel through it. It also helps the plant to stay upright.



Green Plants

Many plants share the same basic features: roots, stem or trunk, leaves and flowers.

Write the statements at the bottom of the page in the correct boxes to build up a definition of each plant feature. Then, draw a line to match each definition to the correct parts of the plants below. One has been done for you.

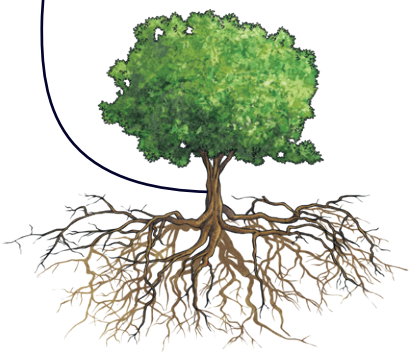
roots

stem or trunk

Helps the plant to stand upright.

leaves

flower



Make food using water, sunlight and carbon dioxide.	Contains nectar, which can attract pollinators for pollination.
Absorbs water and nutrients from the soil.	Keeps a plant stable and anchored in the soil.
~~Helps the plant to stand upright.~~	Allow water and nutrients to travel through the plant.

Green Plants

Many plants share the same basic features: roots, stem or trunk, leaves and flowers.

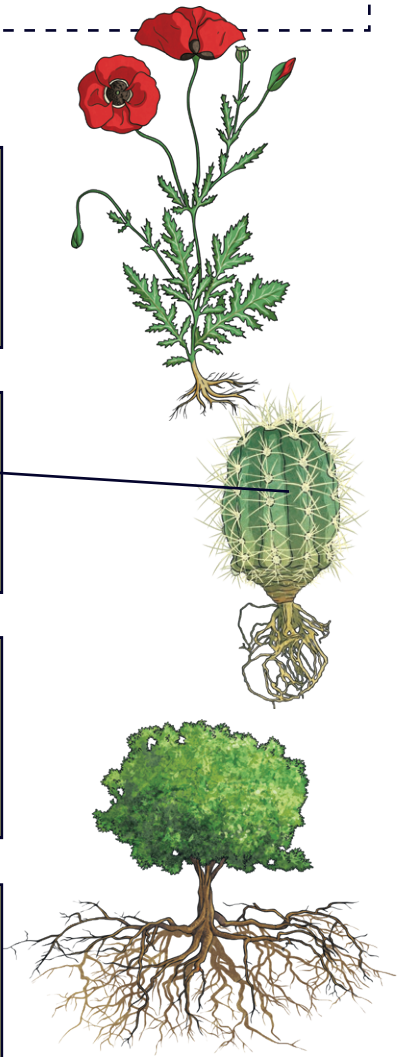
Explain the function of each plant feature in the relevant box below. Then, draw a line to match each feature to the correct parts of the plants. You may need to draw more than one line from each feature. One has been done for you.

roots

stem or trunk

leaves

flower



Which of these plants might absorb the least amount of water through their roots because of their habitat?

_____

Which of these plants might need the most space to grow?

_____

Which of these plants is likely to attract the most pollinators? Why?

_____

_____

Green Plants - **Answers**

roots

stem or trunk

leaves

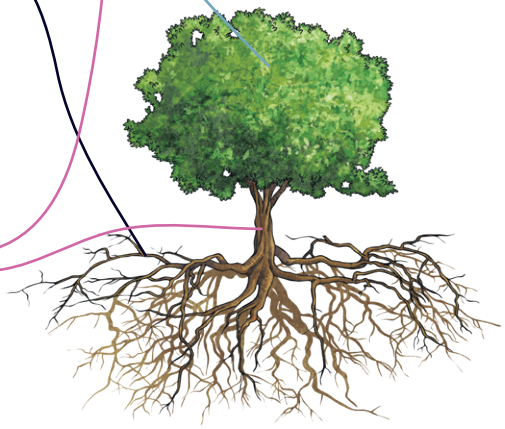
flower

The part of the plant that makes use of water, sunlight and carbon dioxide to make food for the plant.

The part of the plant that contains nectar, which attracts pollinators, such as insects.

The part of the plant that takes up water and nutrients from the soil and keeps the plant stable.

The part of the plant that allows water and nutrients to travel through it. It also helps the plant to stay upright.



Green Plants - **Answers**

roots

Absorb water and nutrients from the soil.
Keeps a plant stable and anchored in the soil.

stem or trunk

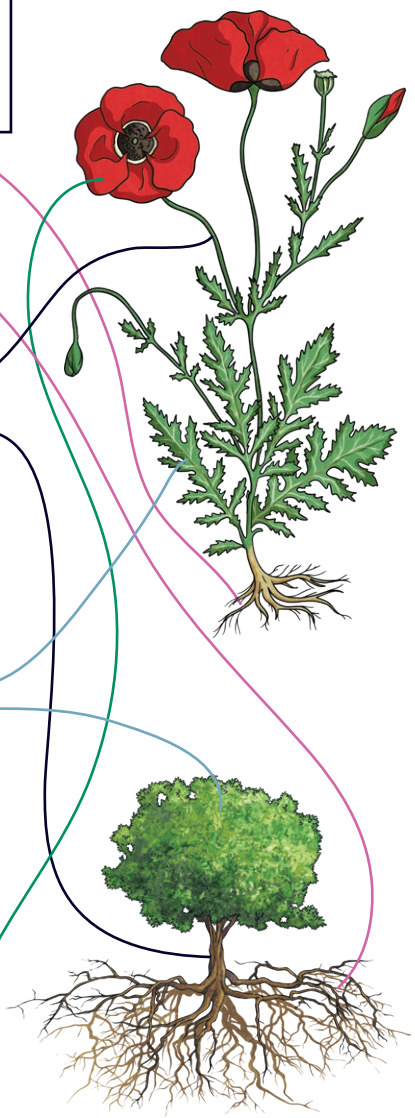
Helps the plant to stand upright.
Allows water and nutrients to travel through the plant.

leaves

Make food using water, sunlight and carbon dioxide.

flower

Contains nectar, which attracts pollinators for pollination.



Green Plants - **Answers**

roots

Pupils' own responses, such as 'Roots often grow below the surface of the soil or other matter in which a plant grows. They help to anchor the plant to keep it stable. Roots also crucially absorb water and nutrients for the plant.'

stem or trunk

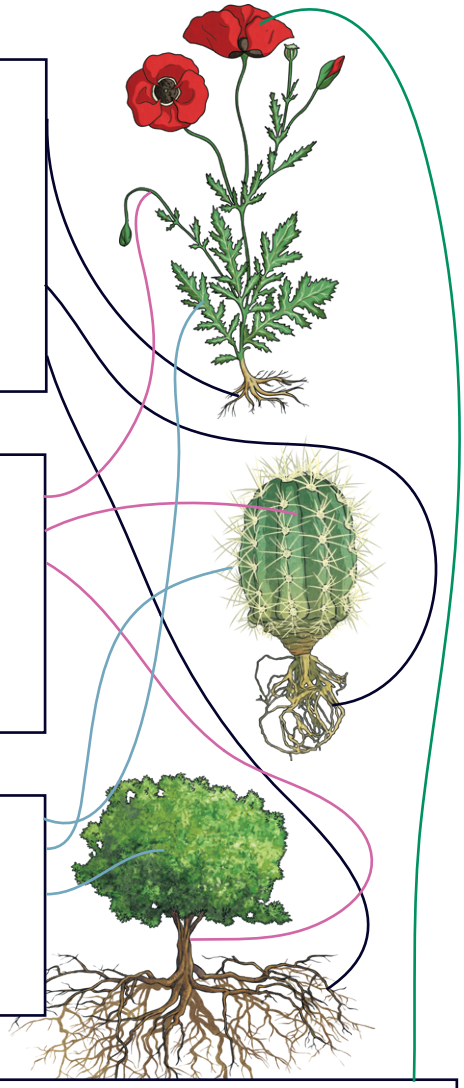
Pupils' own responses, such as 'The stem or trunk of a plant usually grows upwards from the roots and helps the plant to stand upright. It also allows water and nutrients to travel through the plant.'

leaves

Pupils' own responses, such as 'Leaves make food using water, sunlight and carbon dioxide in a process called photosynthesis.'

flower

Pupils' own responses, such as 'Flowers contain nectar, which attracts pollinators, such as insects. Pollinators collect and transport pollen as they move between flowers. This is called pollination, which allows the plant to reproduce.'



Which of these plants might absorb the least amount of water through their roots because of their habitat?

cactus

Which of these plants might need the most space to grow?

tree

Which of these plants is likely to attract the most pollinators? Why?

The plant likely to attract the most pollinators is the poppy because pollinators would be attracted to its brightly coloured flower containing nectar.