

# Recognising Plant Structures

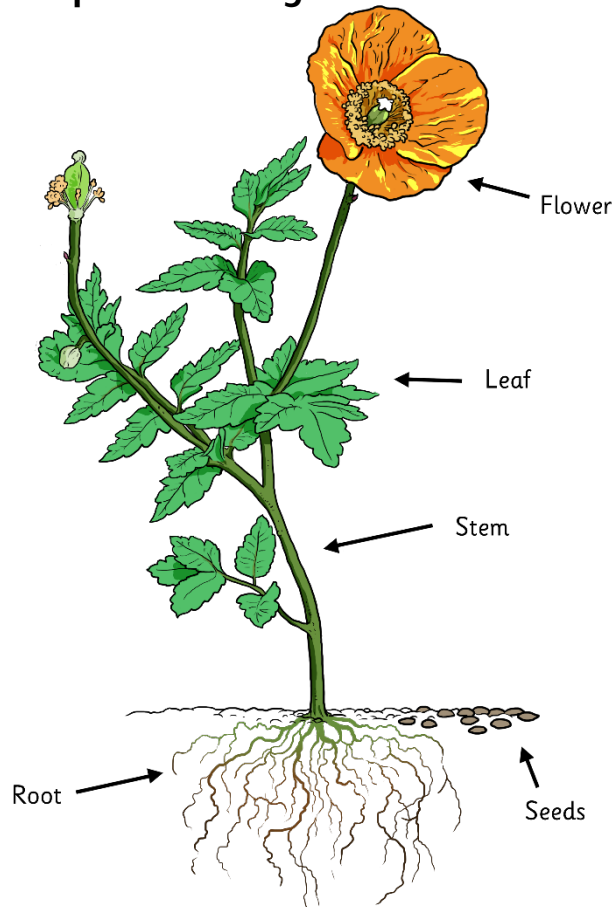
Plants can come in all shapes and sizes and they have two things in common. They all need water and light to live.



Plants have a structure with **features** that do certain jobs. All these jobs are **important** and the plant will die without them.

These parts are shown on the plant. They are:

The flower,  
the stem,  
the leaf,  
the root,  
and the seeds.



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Recognising Plant Structures – Y1s/Y2e (Orange/Turquoise) – Text

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## The Flower



The flower is needed to help bees and other **insects** carry the **pollen** between plants. The pollen helps the plant to make seeds.



## The Stem

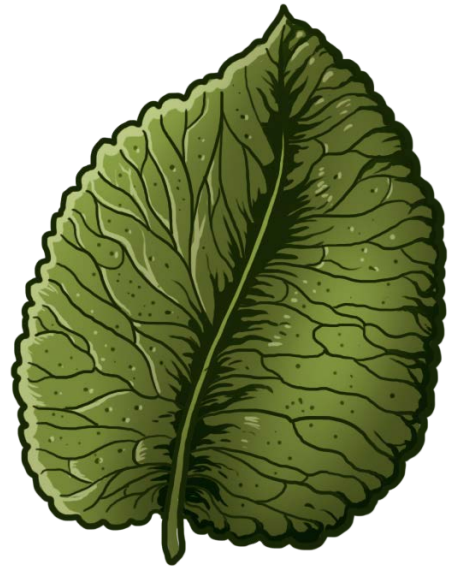


The stem is the **stalk** that holds up the plant and is the plant's **transport** system. It carries water and **minerals** between leaves and roots. When you look at the trunk of a tree, you can see it is the stem of the plant.

## The Leaf

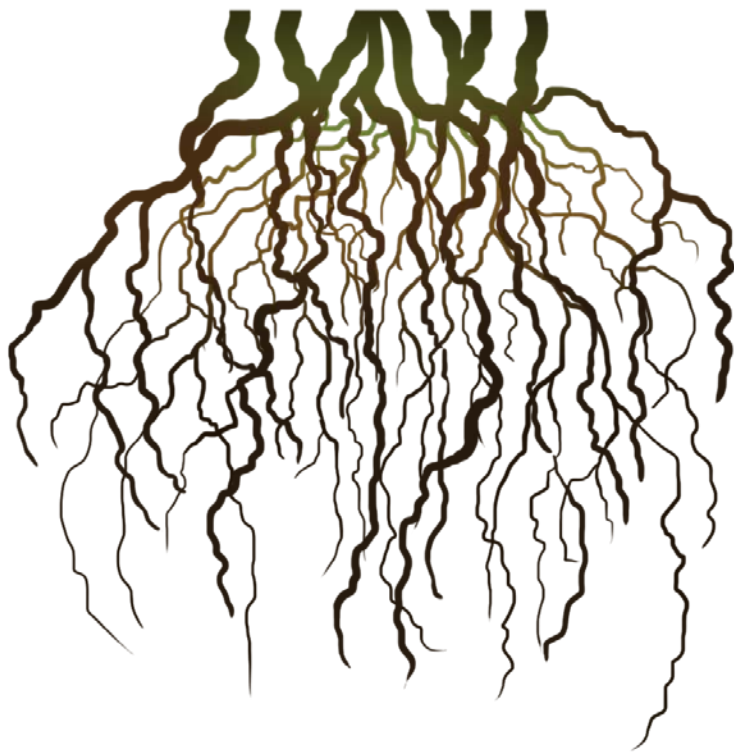
The leaf can be many different shapes and sizes, however they all do the same job.

They are needed to help catch the light and make food for the plant through a special process called **photosynthesis**.



## The Roots

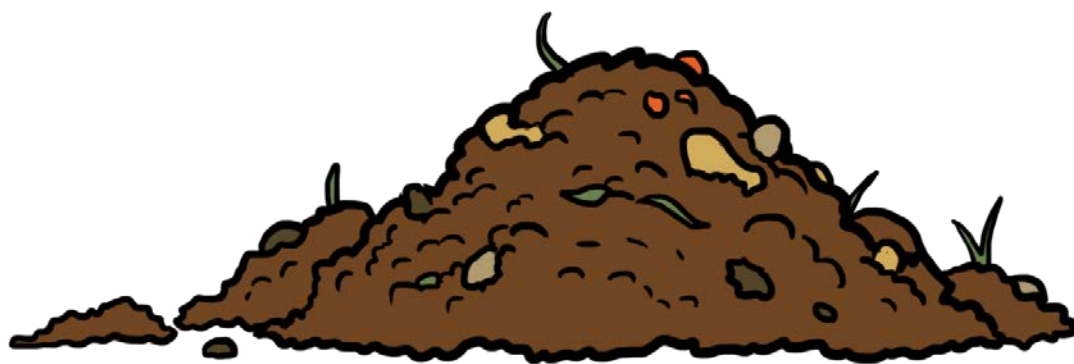
These are the most important part of the plant. The root helps to keep the plant steady above the ground.



All plants and trees have roots. They stretch deep into

the soil and **absorb** the water. The roots also take in the minerals and **nutrients** from the soil. They share the water with the rest of the plant.

So, if you ever plant a new seed in your garden, make sure you give it lots of **compost**. Compost is the best type of soil to use because it contains lots of nutrients.



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## Recognising Plant Structures – Follow-Up Work

What are the main features of a plant?

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What does the title of the text tell us?

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What two things does the plant need to grow?

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What does the flower do?

---

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Why are the roots so important?

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What do you think would happen if the plant could not grow its roots?

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Do all leaves do the same job?

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Why are the seeds so important?

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What was the special process by which food for the plant is made?

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What soil is better to use for growing plants at home?

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## Recognising Plant Structures – Vocab 1

Can you match the word to its correct meaning?

absorb

carried from one place to another

photosynthesis

the process by which leaves make food

minerals

important substances in the soil that a plant needs

transported

to soak up or take in

compost

a soil that has a high concentrate of minerals and nutrients

Write the meaning of the following words:

insects \_\_\_\_\_

pollen \_\_\_\_\_

nutrients \_\_\_\_\_

## Recognising Plant Structures – Vocab 2

Can you use the simple clues below to find plant related words in the word search?

What is the name for the part of the plant which attracts insects?	This part of the plant finds and absorbs the water in the soil.	This is the middle of a plant. It transports the water and food.
What do insects carry to help the plant make seeds?	What does a plant need to live that is found in the ground?	What can you use instead of soil which is full of goodness?

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l	j	n	c	h	f	h	p	p	m
k	w	r	s	u	s	n	o	h	y
i	n	e	r	a	y	d	s	o	p
o	o	d	u	d	w	a	t	e	r







## Recognising Plant Structures – Oral Teacher Questions

What are the main features of a plant? **The flower, the stem, the root, the seed and the leaf.**

What does the title of the text tell us? **The pack is about plants and the main features of a plant.**

What two things does the plant need to grow? **Water and light.**

What does the flower do? **The flower helps to pollenate other plants, which produce seeds to make new plants.**

Why are the roots so important? **They hold the plant steady, absorbing nutrients, minerals and water from the ground and sharing them with the rest of the plant.**

What do you think would happen if the plant could not grow its roots? **The plant wouldn't be able to stand and would eventually die through lack of water and nutrients.**

Do all leaves do the same job? **Yes, however they are various shapes and sizes and they can change colour with the different seasons.**

Why are the seeds so important? **To continue the life cycle of plants.**

What was the special process by which food for the plant is made? **Photosynthesis**

What soil is better to use for growing plants at home? **Compost**

## Recognising Plant Structures – Vocab 1

Can you match the word to its correct meaning?

absorb ———— carried from one place to another

photosynthesis ———— the process by which leaves make food

minerals ———— important substances in the soil that a plant needs

transported ———— to soak up or take in

compost ———— a soil that has a high concentrate of minerals and nutrients

Write the meaning of the following words:

insects – **tiny creatures that help to carry pollen between plants**

pollen – **the yellow substance inside a flower head**

nutrients – **the components within food which are needed to stay**

**healthy**

## Recognising Plant Structures – Vocab 2

Can you use the simple clues below to find plant related words in the word search?

What is the name for the part of the plant which attracts insects?	This part of the plant finds and absorbs the water in the soil.	This is the middle of a plant. It transports the water and food.
What do insects carry to help the plant make seeds?	What does a plant need to live that is found in the ground?	What can you use instead of soil which is full of goodness?

r	t	p	r	h	m	b	f	w	i
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e	m	e	c	s	t	e	m	r	a
l	j	n	c	h	f	h	p	p	m
k	w	r	s	u	s	n	o	h	y
i	n	e	r	a	y	d	s	o	p
o	o	d	u	d	w	a	t	e	r

## Recognising Plant Structures – SPAG 1

Below is a passage from the text but all the full stops and capital letters are missing. Can you re-write the text and put them back in?

### roots

these are the most important part of the plant the root helps to keep the plant steady above the ground all plants and trees have roots, they stretch deep into the soil and absorb the water the roots also take in the minerals and nutrients from the soil they share the water with the rest of the plant

### Roots

These are the most important part of the plant. The root helps to keep the plant steady above the ground. All plants and trees have roots, they stretch deep into the soil and absorb the water. The roots also take in the minerals and nutrients from the soil. They share the water with the rest of the plant.

## Recognising Plant Structures – SPAG 2

The writing below has some spellings mistakes, missing spaces and missing full stops. Re-write and correct the mistakes.

- On Monday, the cress seeds wereplanted in cottonwool
- On Tuesay, the seeds began to sprout
- On Wednesday, the seedlings loked strong and healthy
- On Thurday, the plants had grown but began to luk pale.
- On Friday, the class wateredthe plants tomake them strong again.
- On Monday, the cress seeds **were planted** in **cotton wool**.
- On Tues**day**, the seeds began to sprout.
- On Wed**nes**day, the seedlings **looked** strong and healthy.
- On Thurs**day**, the plants had grown but began to **look** pale.
- On Friday, the class **watered the plants to make** them strong again.