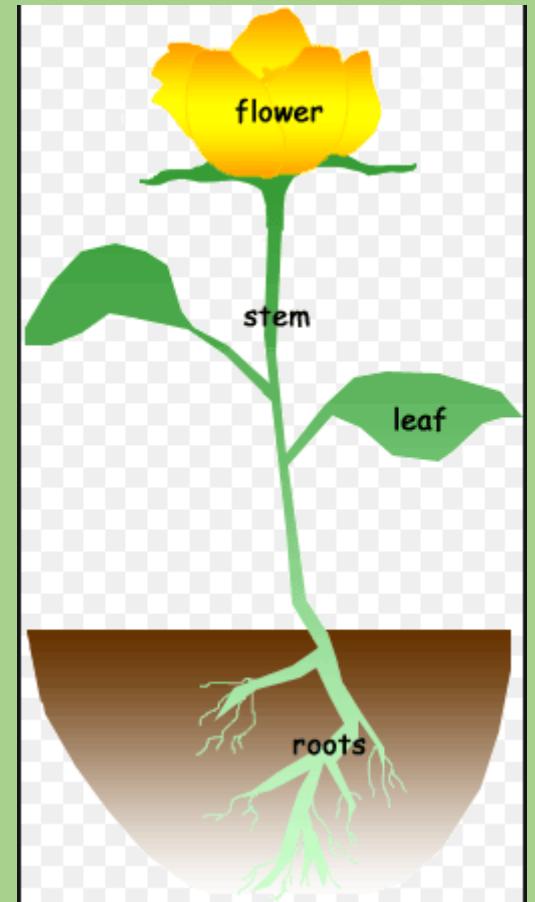


# Plants

Wednesday – what do plants need leaves?



L.O: To understand why plants need leaves

This basil plant was left to grow with all of its leaves.



What adjectives would you use to describe it?

L.O: To understand why plants need leaves

This basil plant was left to grow with some of its leaves.



What adjectives would you use to describe it?

L.O: To understand why plants need leaves

This basil plant had all of its leaves removed.



What adjectives would you use to describe it?

L.O: To understand why plants need leaves

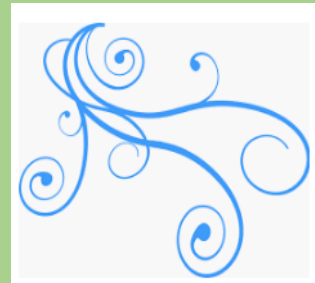


## L.O: To understand why plants need leaves

### The function of leaves

Leaves make food for the plant.

They use **sunlight**, **water** and **carbon dioxide** (a gas in the air) to do this.



This is called **Photosynthesis**. (good science word!)

## L.O: To understand why plants need leaves



Have a look at the hand actions I use to explain the function of leaves.

Try to join in and copy, it will help it stay in your memory - promise!!

Ps - who can spot Lola the cat?

L.O: To understand why plants need leaves

If plants didn't have leaves they would not be able to make food for themselves. They need this food to stay green, healthy and to continue growing.

That is why the plants with no leaves did not stay healthy - they had no food to use to give them energy!

Remember the plants in the dark and without water yesterday? Light and water are needed for **photosynthesis**, so again, these plants couldn't make the food they needed.



# L.O: To understand why plants need leaves

## Activity

You have now learnt all about the different parts of a plant and their function. If you have a printer you can make a folding leaflet. Use page 3 if you would like to fill in the missing words. Use page 4 if you want the challenge of describing the function yourself (lots of you should be able to do that!) I have written some useful science words at the bottom of this for you to try and include. If you don't have a printer, try to draw a simple plant and label the parts with the functions.

absorb	anchor	nutrients	seeds	photosynthesis
support	water	transport	attract	make
Carbon dioxide	grow	healthy	light	soil