

# SCIENCE

WALT – label the parts of a plant and recognise their functions

<https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-parts-of-a-plant/zvdkpg8>

WATCH THIS VIDEO ON BBC!

THERE ARE SOME OTHER VIDEOS ABOUT PLANTS THAT YOU MIGHT  
WANT TO WATCH TOO



# Roots

Plants have different parts to them, just like you. We have different body parts such as arms, legs and a mouth.

A plant has different parts too and they all do different jobs.

The roots of a plant anchors the plant in the ground and without roots a plant would fall over.

Roots are also take in nutrients and water from the soil.

**Can you see the roots on this plant?**



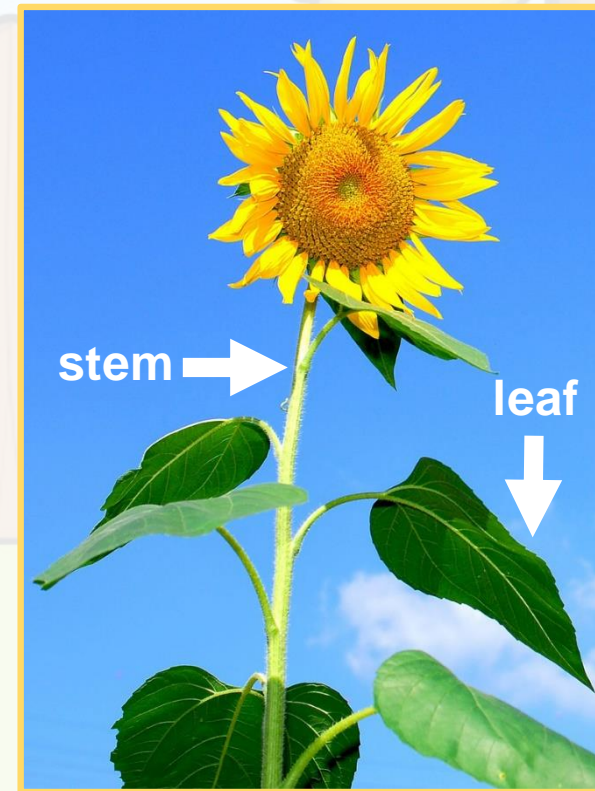
# Stems and Leaves

Stems help support the plant and keep it upright. Water and food are taken up from the roots and transported through the stem.

Leaves are very important as they make food for the plants. Leaves are made to catch the sunlight as plants need sunlight to make food. This process is called **photosynthesis**.

Leaves come in all sizes and shapes. They have openings to allow carbon dioxide to enter. Leaves are usually green but some leaves are different colours.

**Look for the stems and leaves on the plant.**





# Flowers

Flowers look pretty and come in lots of different colours. They can also smell lovely.

These colours and smells are important because they attract bees birds and butterflies which **pollinate** the plant.

The plant will then produce seeds or fruit.

**Point to the flowers.**



# Can you create your own plant using objects from your house?

Remember to include every part of a plant.  
When you have finished make some labels to stick on to your plant.

Here are some ideas for materials that you could use:

Part of plant	Possible materials
Stem	<ul style="list-style-type: none"><li>• hollow pipe insulating foam</li><li>• card tubing from foil/cling film</li><li>• drinking straws</li></ul>
Roots	<ul style="list-style-type: none"><li>• long 'art' pipe cleaners</li><li>• string</li><li>• wool</li></ul>
Flower	<ul style="list-style-type: none"><li>• coffee filter (can be coloured)</li><li>• cake cases</li><li>• cake doily</li><li>• milk bottle tops</li><li>• paper plates</li></ul>
Leaves	<ul style="list-style-type: none"><li>• card/paper</li></ul>



**After you have made your plant...**

**Can you describe the function of each part of the plant?**

**This means tell me what each part of the plant does for example the stem holds the flower up and passes water up.**

**You could voice note or write!**