



Parts of a plant

National Curriculum Statutory Requirements

KS1W4 - identifying and classifying


2B1 - observe and describe how seeds and bulbs grow into mature plants


Year 2 - Plants - OS2B001



Learning Objective

I can label the main parts of a plant and explain their function.

Me: 

Teacher: 

Plants

There are lots of different types of plants, but they have many things in common.



Roots

The **roots** are at the bottom of a plant. They grow into the soil. The roots act like an **anchor** and stop the plant from blowing away or being pulled out of the ground. Another function of the roots is to take in **water** and **nutrients** from the soil, to be used by the rest of the plant.

Stem

The **stem** of the plant **supports** the plant and helps it to stand up. It also acts like a pipe and allows the water drawn up by the roots to be used by the rest of the plant.

Leaves

The **leaves** of a plant help the plant to make its own **food**. The plant uses the energy from sunlight to turn water and air into food for the plant to use. This is called photosynthesis.

Flower

The **flower** allows the plant to reproduce, or make more plants. One way it does this is by attracting insects, which move **pollen** from one flower to another, allowing the flower to produce **seeds**. Flowers attract insects through their bright colours and strong smells.

Activity

On the following page, you will find a diagram of a plant. Label its main parts and then describe their functions. Remember that some parts of the plant have more than one function. Complete your diagram by colouring it in.

Discussion

What would happen to a plant if you took its leaves off?
What would happen to a house plant if you didn't water it?
Does the type of soil affect how well the plant grows?
Do all plants produce flowers?
What would happen to flowering plants if there were no insects?

A flowering plant

This is the _____.
What is its function? _____

These are the _____.
What is their function? _____

This is the _____.
What is its function? _____

These are the _____.
What is their function? _____

