



What jobs do part of a plant have...

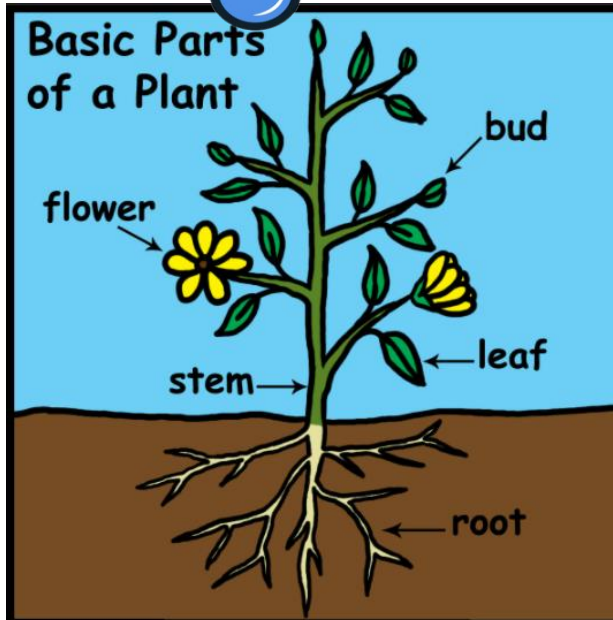
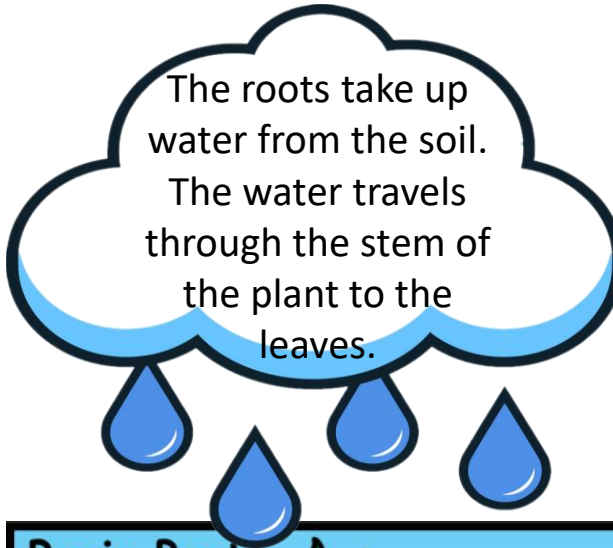


Roots grow underneath a plant, below the surface of a soil. Roots are usually long and are covered in small hairs that anchor the plant to the ground. Their job is to absorb water and nutrients from the soil.



Branches, leaves and flowers grow from the stem or trunk. A trunk is woody and often has a layer of bark around it. The stem or trunk holds the plant up and carries nutrients from the roots to the leaves.

PLANTS



Key vocabulary

Water transportation.	The way water moves through a plant.
Trunk/Stem	Part of the plant which helps support it and keep it upright. It carries water to the rest of the plant
Nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight.
Pollination	Pollination is the process by which flowering plants reproduce.
Seed dispersal	Seed dispersal is when seeds move away from the parent plant and drop to the ground.
Petal	Part of a flowering plant which attracts insects, such as bees.

How do plants survive?

To grow and survive, plants need to make their own food using:

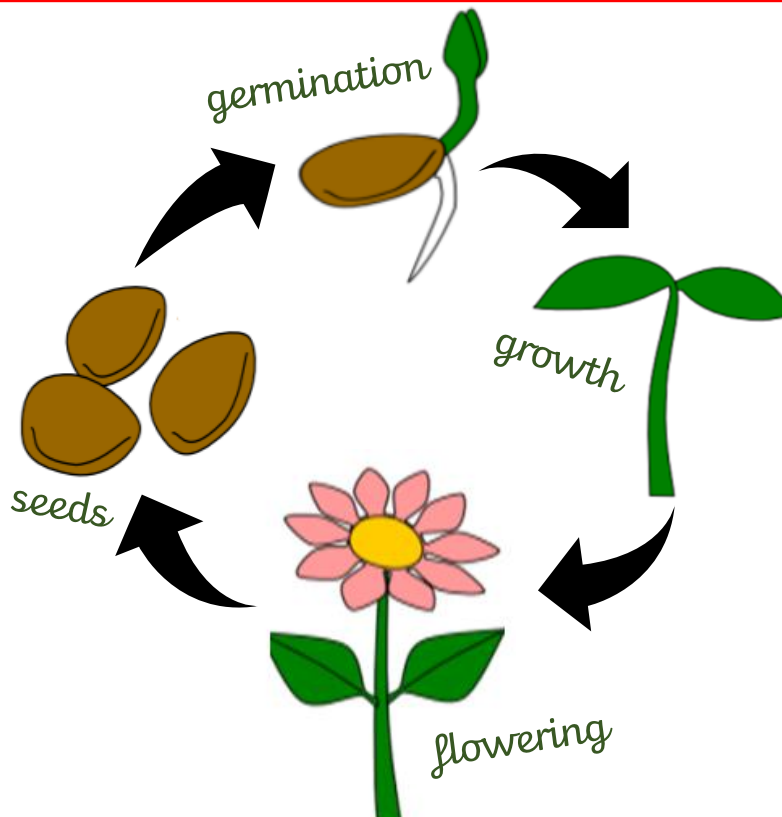
- Light
- Water
- Carbon dioxide

So they don't get too hot or cold and die, plants also need warmth.



The Stuff You Should Already Know...

- Plants are a large group of living things that use sunlight to make their own food
- There are many different kinds of plants, including trees, vines and grasses
- Some trees lose their leaves in the winter (deciduous). Some keep their leaves all through the year (evergreen)
- Some plants are flowering plants – the ones that grow flowers!



Seeds and Bulbs

Some plants grow first from a seed, and then develop a bulb that helps them to grow back year after year.

A bulb lets the plant rest underground over the winter when it is cold, then grow back when the conditions are right a year after. Here are some plants that grow from bulbs...



Tulips



Daffodils

Reproduction of Plants

Sunlight	Absorbed into the leaves and turned into 'food' for the plant to grow
Germination	The stage of the plant growth where the seeds begin to sprout
Growth	The young plant produces leaves in order to get energy from the sun. It will need a lot of energy in the next stage of its life cycle.
Flowering	The plant creates flowers to help it reproduce. The flower needs pollen from another flower in order to do this. This is called pollination. Some flowering plants attract insects to help them.
Fertilisation	When pollen and an egg join together to make a seed.
Seed dispersal	When the seeds move away from the plant. They can be moved by wind or animals.