Plants

Smaller plants find it hard to survive when larger plants take up space. They block out sunlight and take nutrients and water from the soil.

PARTS OF A PLANT

FLOWERS

The **flowers** are often brightly coloured and smell nice to attract insects. Insects help with the plants' reproduction through pollination.

LEAVES

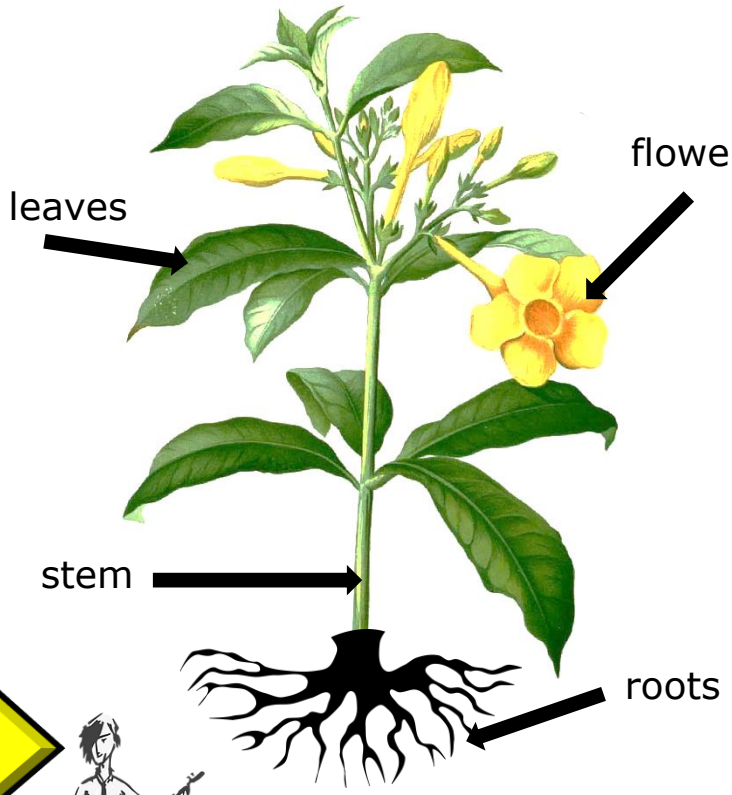
The **leaves** use light from the sun, along with carbon dioxide from the air and water to make food for the plant. This process is called photosynthesis.

STEM / TRUNK

The **stem** carries water and nutrients to different parts of the plant. They keep the plant upright.

ROOTS

The **roots** of a plant take up water and nutrients from the soil. The roots also keep the plant steady and upright in the soil; they "anchor" the plant.

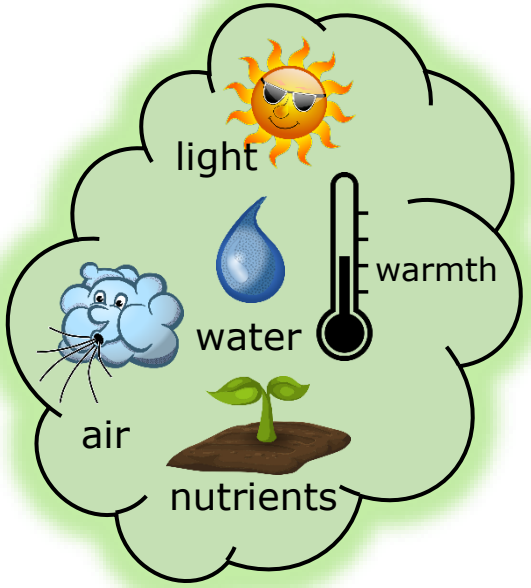


PLANT REPRODUCTION

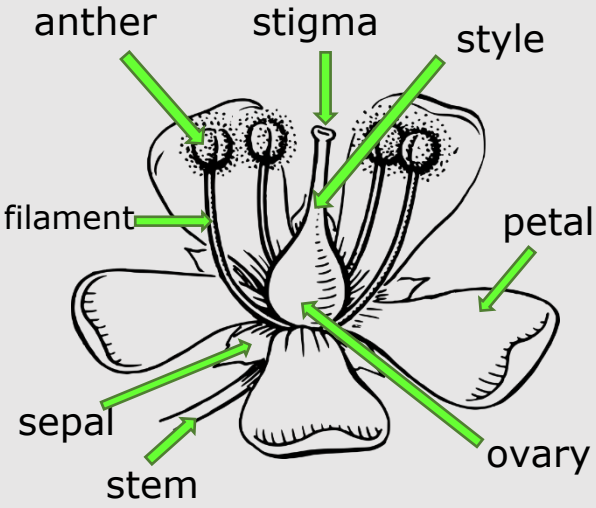
Pollination - Pollen is carried by insects or blown by the wind from one flower to another. This process is called **pollination**.
Fertilisation - Pollen reaches the carpel of the new flower. Pollen then travels to the ovary where it fertilises egg cells (ovules) to make seeds. This process is called **fertilisation**.
Seed Dispersal - The seeds are scattered by animals or the wind. This process is called **dispersal**. Some of the seeds will grow into new plants.

Not all plants produce flowers. These non-flowering plants, such as Ferns and mosses. They grow from spores instead of seeds. Non-flowering plants as well as flowering plants make their own food through photosynthesis.

What does a plant need to grow?



PARTS OF A FLOWER



Plants - Useful links

BBC Bitesize
https://www.bbc.co.uk/bitesize/topics/zy66fg8/resources/1
https://www.bbc.co.uk/bitesize/clips/zc234j6 (The life cycle of a plant)
https://www.bbc.co.uk/bitesize/topics/zgssgk7 (Plant reproduction and life cycle)

Science Sparks
https://www.science-sparks.com/category/key-stage-2-science/plants-key-stage-2/

The School Run (List of useful books here too)
https://www.theschoolrun.com/homework-help/plants-and-growth
https://www.theschoolrun.com/learning-about-plants-in-primary-school

Explorify
https://explorify.wellcome.ac.uk/blog/explorify-at-home-plants