

Science Knowledge Organiser **Plants (Term 3)** **Year 3**

Our learning

In our science lessons this term, we will be learning about plants. This is part of the **biology** aspect of science. Through our learning we will be considering the **connections** between different processes that happen to plants.

Information

A flowering plant has a number of parts which have different functions.

Roots hold the plant in place and absorb water and nutrients from the ground.

The water and nutrients are transported through the roots, into the stem and around the plant.

Leaves help a plant to make food by absorbing energy from the sun.

Flowers help the plant to produce seeds by attracting insects to the pollen.

Seeds can be dispersed (transported to new places) by wind or by animals to grow into new plants.

As a scientist I will...

- Take accurate measurements using standard units.
- Draw a simple conclusion using evidence.
- Describe a fair test and methods used.

Vocabulary

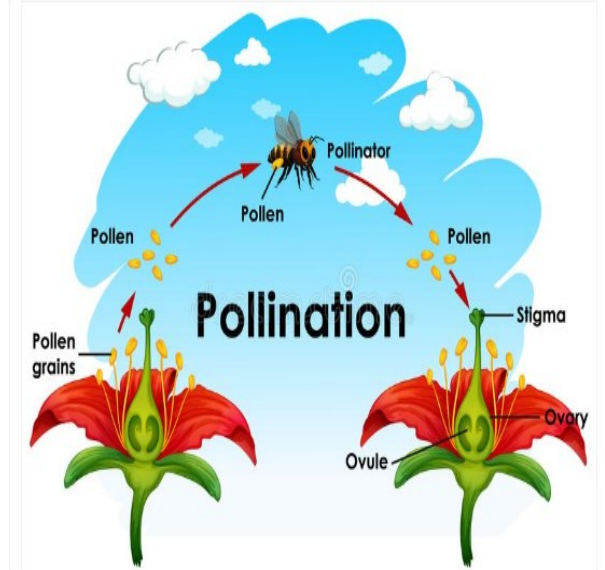
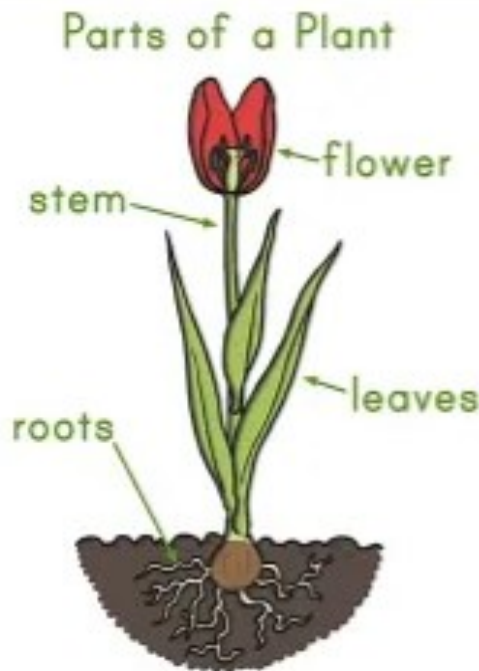
reproduction— When new plants are made.

nutrients— Substances such as sunlight and water which help the plant to grow.

germination— The process of a seed growing into a plant

life cycle— The stages a plant goes through from the beginning to the end of their lives.

seed formation— Plants form their seeds inside flowers or cones



Pollination is when an insect takes pollen from one flower to another.

