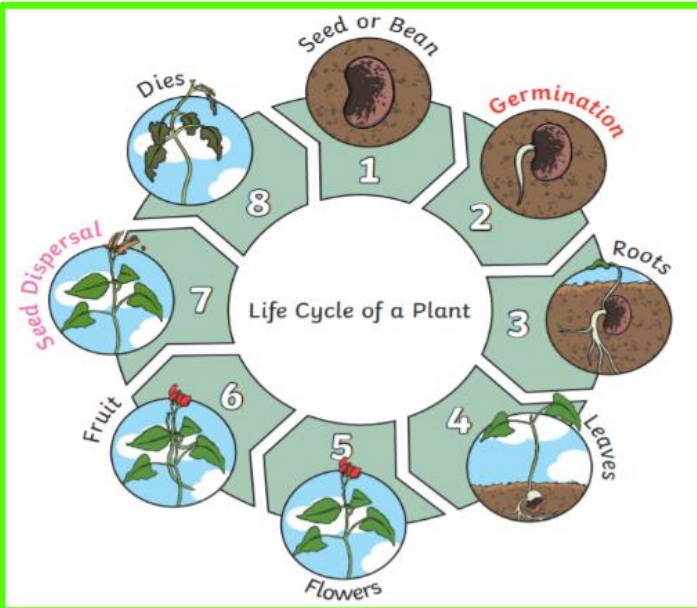
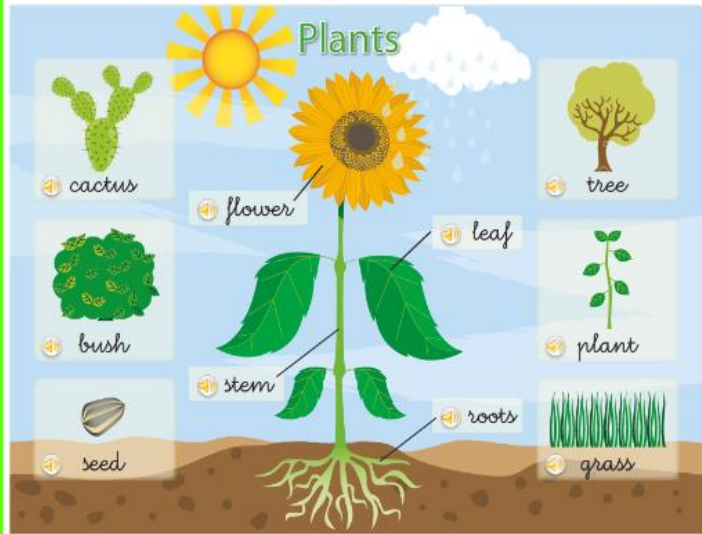


Knowledge Organiser: Plants



What we already know from Year 1.



Parts of a plant

Petals

A flower's petals are often brightly coloured to attract insects. Insects help with pollination to create new plants.

Leaves

The leaves use light from the sun, carbon dioxide from the air and water to make food for the plant.

Stem / Trunk

The stem, or trunk, carries water from the roots to different parts of the plant. They also keep the plant upright.

Seeds

Some plants and trees produce seeds to reproduce (make new plants).

What plants need to grow well:

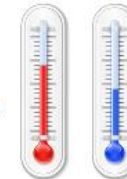
Sunlight

All plants need light from the sun to grow. Some plants need more light than others.



Temperature

Some plants like cooler temperatures to grow, and some like warmer temperatures.



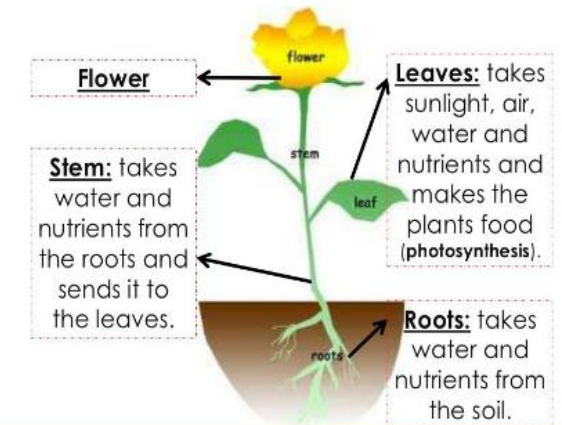
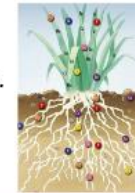
Water

All plants need water to grow. Without water, seeds and bulbs will not germinate.



Nutrition

Plants make their own food in their leaves using sunlight. They get nutrients from the soil to stay healthy.



Knowledge Organiser: Plants

Vocabulary

Carbon Dioxide - A gas in the air that plants use to stay alive.

Germination - When the new plant in a seed or bulb bursts out of its shell.

Life cycle - The stages a living thing goes through during its life.

Nutrition - The vitamins and minerals a living thing needs to survive.

Reproduce - How a living thing creates new life.

Seed dispersal - When seeds or pollen move away from the parent plant. They can be moved by wind or animals.

Temperature - How hot or cold something or somewhere is.