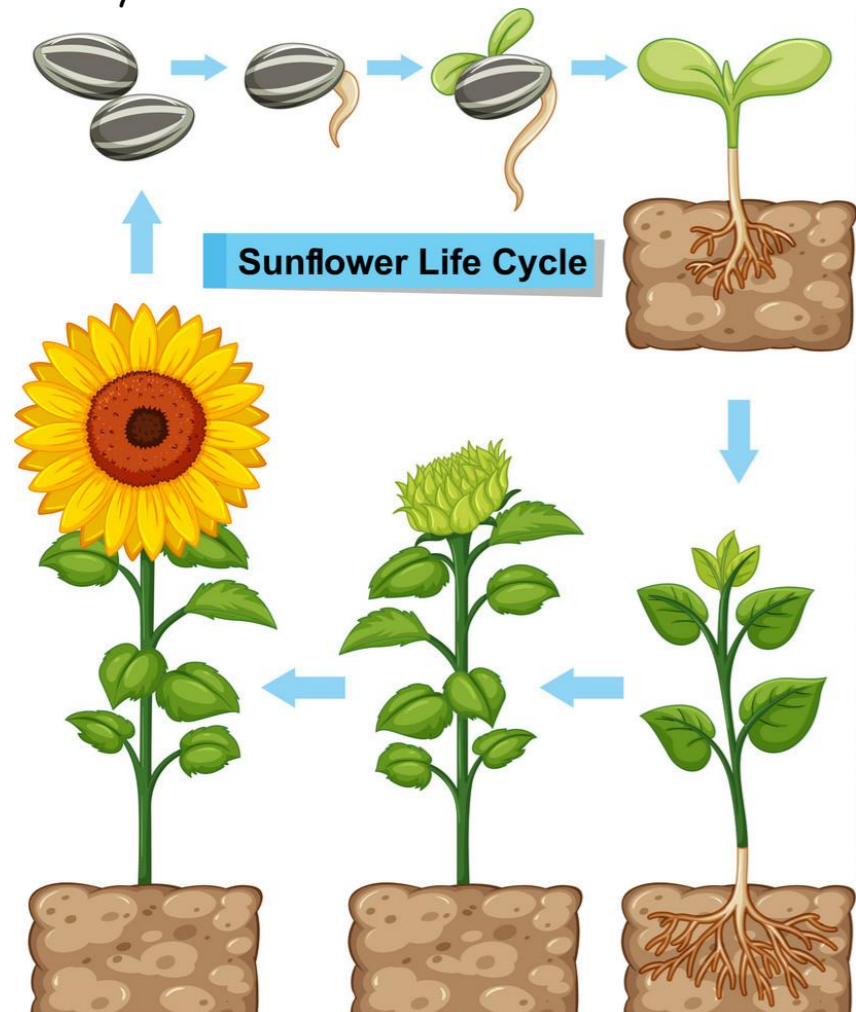


- observe and describe how seeds and bulbs grow into mature plants
- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy

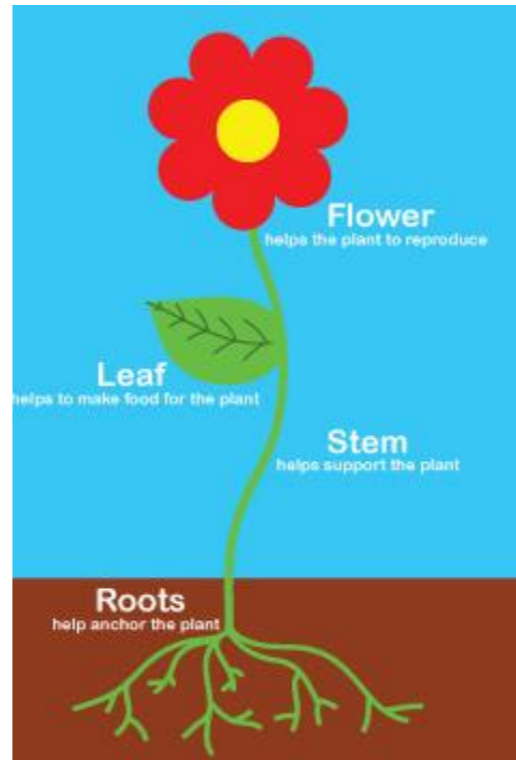
How plants grow

A plant grows from a seed or bulb. Seeds and bulbs need nutrients from soil, water and warmth to germinate. Plants need water, light and a suitable temperature to grow and stay healthy.



Parts of a plant

A plant has several different parts: roots, stem, leaves and flower. Each part has a job to keep the plant healthy. Roots take in water from the soil. The stem supports the plant and transports water to the flower and leaves. Leaves make food for the plant. Flowers produce seeds to make new plants.



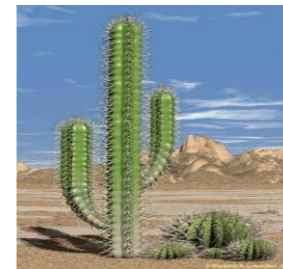
Glossary

Bud	A small growth on a plant that develops into a leaf, flower or new shoot.
Flower	The part of a plant that is brightly coloured, produces a scent to attract insects and creates seeds.
Germinate	When a seed starts to grow and puts out a shoot.
Leaf	The part of a plant that grow out of the stem and uses sunlight to make food.
Nutrient	Substances that help plants and animals live and grow.
Petal	The part of a plant that is colourful and makes up most of the flower with other petals.
Root	The part of a plant that grows out of the seed and deep into the ground to find water/nutrients.
Seed	A small, hard grain from which a new plant can grow.
Shoot	The part of a plant that grows upwards out of a seed before it develops into the stem and leaves.
Stem	The part of a plant that grows upwards towards the light. It supports the plant.

Plant adaptations

Plants have adapted to their environment- they have developed special ways to live in different places.

Cacti grow in dry places. They can store a lot of water in their large stem. Cacti also have roots which spread out over a large area so they can collect as much water as possible.



Lianas are woody vines that grow in dense, dark rainforests. They have their roots in the ground and their stems quickly climb high up the rainforest trees to reach sunlight.



Plants

A plant is a living thing. They provide oxygen for us to breathe and food to eat. There are many different plants in the UK.



Roses come in lots of different colours and have a lovely scent.



Daffodils are mostly yellow, white or orange and come in different shapes and sizes.



Poppies are bright red with a black centre. They are worn on **Remembrance Day**.



Bluebells have a bell shaped flower and are often seen in woodlands.

Useful plants

Herbs and spices can be used in cooking, medicines and perfumes. They can be used straight from the plant or dried.



Basil is a herb.



Ginger is a spice.

Harmful plants

Some plants are harmful if touched or eaten. They can cause problems with the skin or sickness. It is best to stay away from these.



Deadly nightshade can cause sickness



Poison Ivy causes an itchy rash.