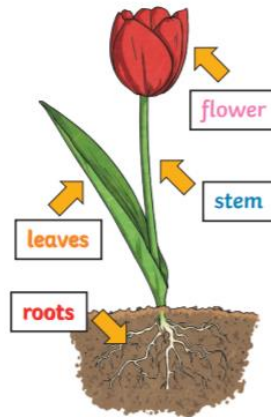


Key vocabulary

roots	Anchor the plant into the ground and absorb water and nutrients from the soil.
stem	Holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.
leaves	Make food for the plant.
flowers	Make seeds to grow into new plants. Their petals attract pollinators to the plant.
nutrients	These substances are needed by living things to grow and survive.
evaporation	When a liquid turns into a gas.
fertilisation	When the male and female parts of the flower have mixed in order to make seeds for new plants.
petal	The bright part of the flower that attracts insects to pollinate the plant.
stamen	The male parts of the flower.
carpel	The female parts of the flower.
sepal	Leaf-like structures that protect the flower and petals before they open out.
pollination	When pollen is moved from the anther to the stigma.
germination	When a seed starts to grow.
seed dispersal	A method of moving seeds away from the parent plant so that the seeds have the best chance of survival.

Science Knowledge Organiser

Plants



What does a plant need to grow?

- water
- light
- room to grow
- nutrients from the soil
- air

Different plants vary in how much of these things they need. For example, cacti can survive in areas with little water, whereas water lilies need to live in water.

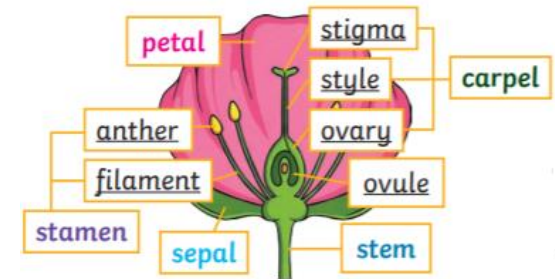
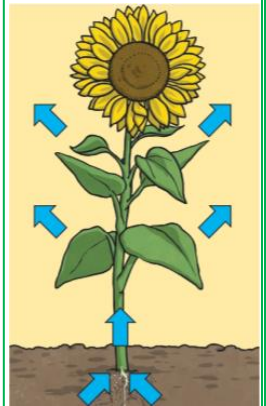
Seed Dispersal

Seeds can be dispersed by:

- Dropping
- Carrying
- Eating
- Water
- Shaking
- Bursting

How water moves through a plant

1. The roots absorb water from the soil.
2. The stem transports water to the leaves.
3. Water evaporates from the leaves.
4. This evaporation causes more water to be sucked up the stem.



The flower's job is to create seeds so that new plants can be grown.

