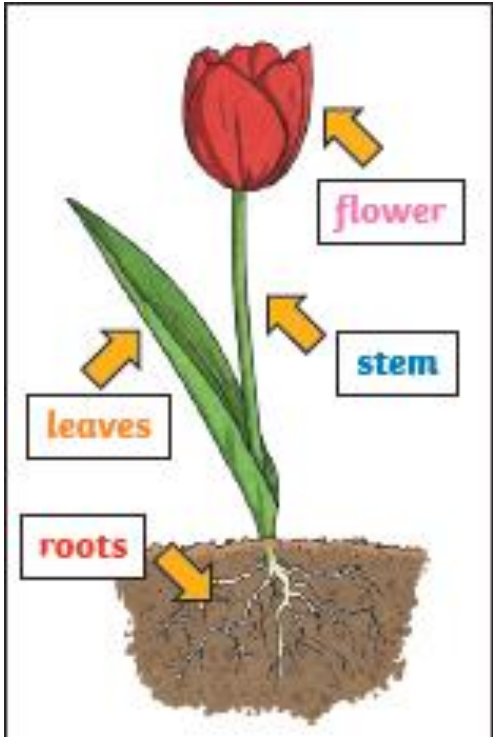


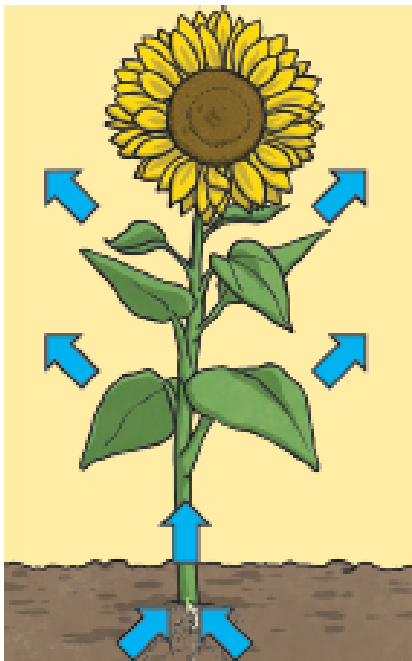
<u>Vocabulary</u>	
<b>roots</b>	These anchor the plant into the ground and absorb water and <b>nutrients</b> from the soil
<b>stem</b>	This holds the plant up and carries water and <b>nutrients</b> from the soil to the <b>leaves</b> .
<b>leaves</b>	These make food for the plant using sunlight and carbon dioxide from the air.
<b>flowers</b>	These make seeds to grow into new plants. Their <b>petals</b> attract <b>pollinators</b> to the plant.
<b>nutrients</b>	These are needed by living things to grow and survive. Plants get <b>nutrients</b> from the soil.
<b>petal</b>	The brightly coloured part of the flower that attracts insects to pollinate the plant.
<b>fertilisation</b>	When the male and female parts of the flower have mixed in order to make seeds for new plants.
<b>stamen</b>	The male parts of the flower. The stamen is made up of the anther and the filament. The filament's job is to hold up the anther. The job of the anther is to make the pollen.
<b>carpel (pistil)</b>	The female parts of the flower. Made up of the stigma, style and ovary. The job of the style is to hold up the stigma. The stigma collects the pollen when a pollinator brushes by it. The ovary contains the ovules, which are the part of the flower that gets fertilised and eventually becomes the new seed.
<b>sepal</b>	Leaf-like structures that protect the flower and petals before they open out.
<b>pollination</b>	When pollen (a fine powdery substance produced by a flowering plant) is moved from the male anther of a flower to the female stigma.

# PLANTS

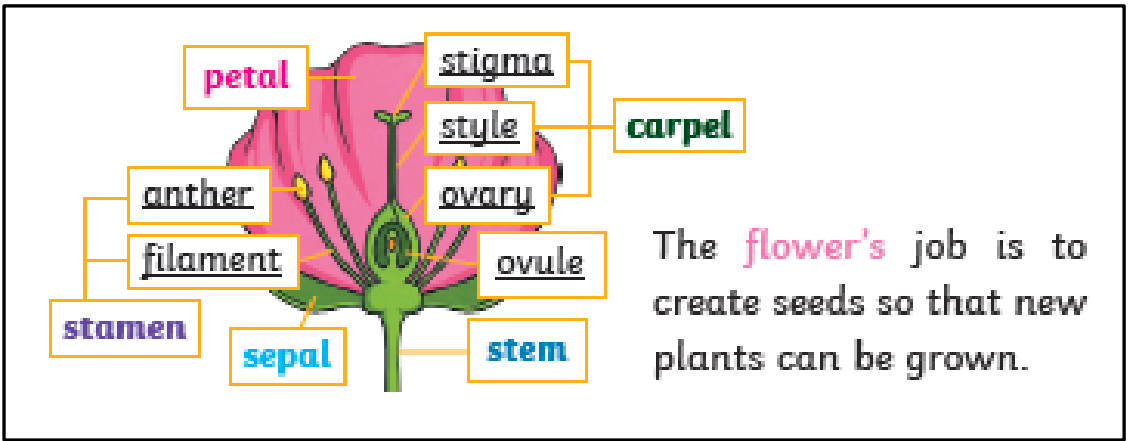


## How Water Moves through a Plant

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 water is sucked up the **stem** like water being sucked up through a straw.



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

### What Does a Plant Need to Grow?

water

light

nutrients from the soil

air

room to grow

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.