

How do plants grow?

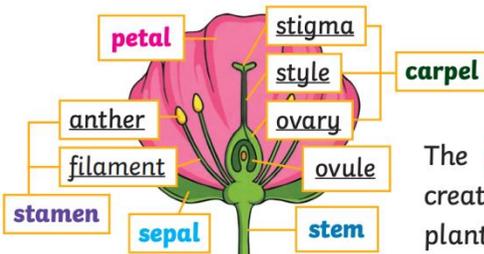
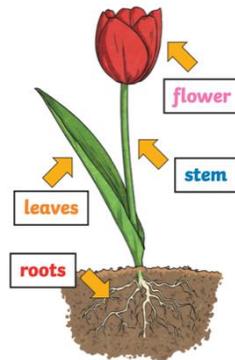
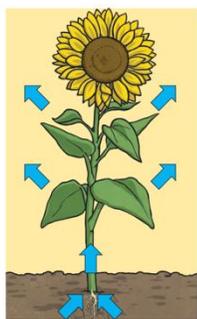
- What are the different parts of flowering plants?
- What do plants need to grow well?
- How is water transported in plants?
- What is pollination and fertilisation?
- What is the life cycle of a flowering plant?

<p>Roots These anchor the plant into the ground and absorb water and nutrients from the soil.</p>	<p>Stem This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.</p>
<p>Leaves These make food for the plant using sunlight and carbon dioxide from the air</p>	<p>Flowers These make seeds to grow into new plants. Their petals attract pollinators to the plant.</p>
<p>Pollination When pollen (a fine powdery substance produced by a flowering plant) is moved from the male anther of a flower to the female stigma.</p>	<p>Fertilisation When the male and female parts of the flower have mixed in order to make seeds for new plants.</p>
<p>Nutrients These substances are needed by living things to grow and survive. Plants get nutrients from the soil and also make their own food in their leaves.</p>	<p>Seed dispersal A method of moving the seeds away from the parent plant so that the seeds have the best chance of survival.</p>
<p>Pollinator Animals or insects which carry pollen between plants. Examples include birds, bees and bats.</p>	<p>Germination When a seed starts to grow.</p>
<p>Stamen 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.</p>	<p>Carpel 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.</p>

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?

