



# Year 3 – Plants

Plants without flowers can be pollinated by the wind.

Some birds (e.g. hummingbirds) can also pollinate plants.

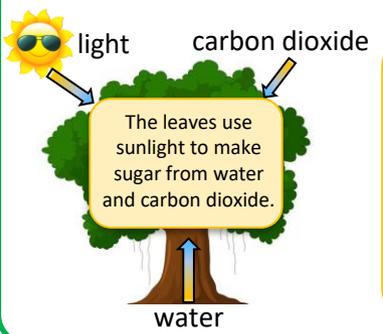
The process by which plants make sugar in their leaves is called photosynthesis.

## Vital Vocabulary

Key Word	Definition
<b>function</b>	The job something does
<b>carpel</b>	The female parts of the flower ( <b>stigma, style and ovary</b> )
<b>stamen</b>	The male parts of the flower ( <b>stamen and anther</b> )
<b>pollination</b>	The process of moving pollen from one flower to another
<b>dispersal</b>	The spreading of a plant's seeds over a wide area.
<b>germination</b>	When a seed begins to grow/sprout
<b>fertilisation</b>	The joining of the pollen and an egg

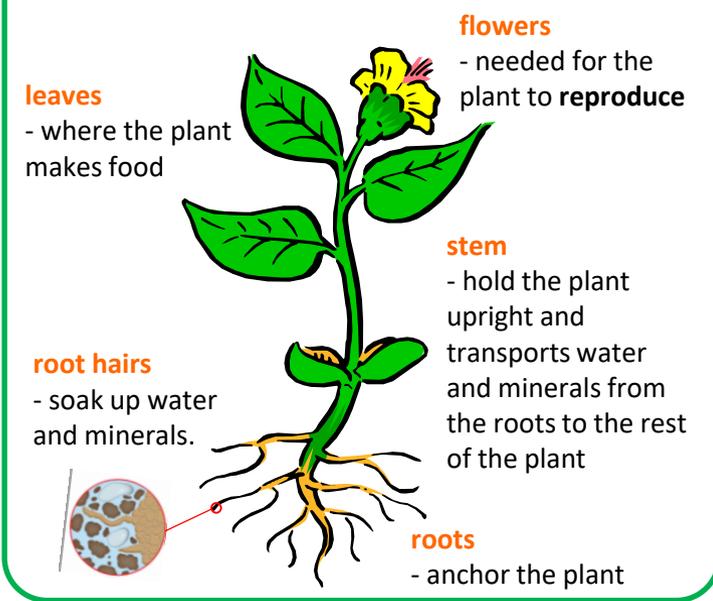
## What do plants need for life and growth?

Plants need **light, water** and **air (carbon dioxide)**.

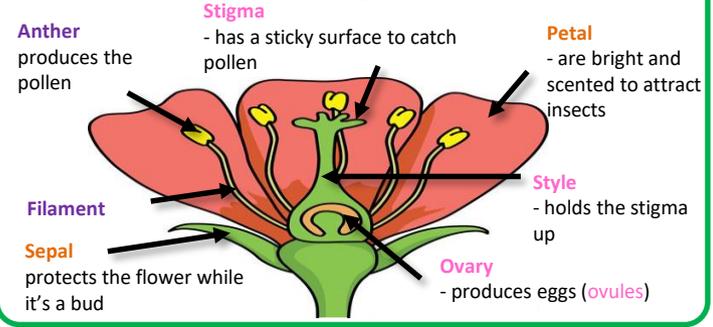


- Different plants need different amount of these things.
- Cacti need very little water.
  - Waterlilies need to live in water.

## The parts of a flowering plant



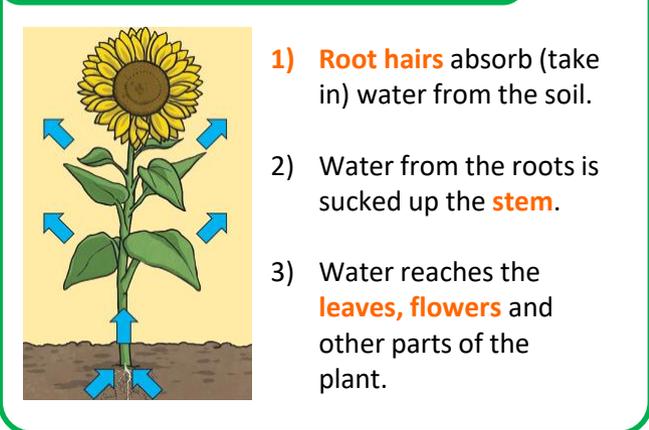
## Flowers



## Rudolf Jakob Camerarius

Rudolf Jakob Camerarius was a German botanist who discovered the male and female parts of plants. He showed how important pollen was in how plants reproduce.

## How water moves through a plant



## The life cycle of flowering plants

