



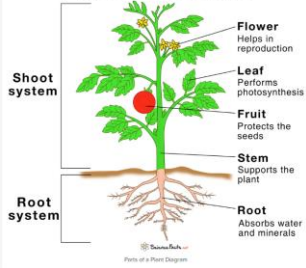
# Plants



Year 3  
Spring Term

## Key Learning

### Parts of a Plant

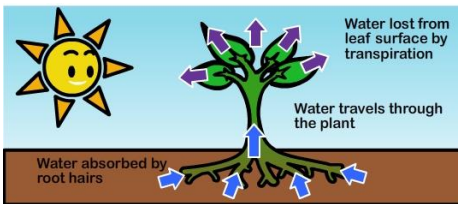


Each part of the plant has a different function that helps it to grow and stay alive. The roots absorb water and nutrients and anchor the plant to the ground. The stem transports water to other parts of the plant. The leaves create food for the plant from sunlight and carbon dioxide. The flower attracts birds and insects which transport pollen to create new plants.

### 5 Things Plants Need

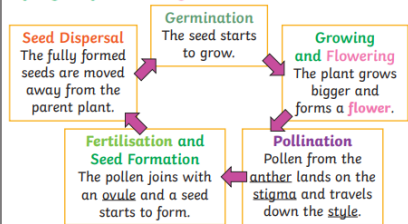


In order to stay alive, a plant needs the following things. It may be able to stay alive without one for a short while, but it will not be a healthy plant. Different plants vary in how much of these things they need. For example, cacti can survive in areas with little water, whereas water lilies need to live in water.



Water and nutrients are absorbed by the roots from the soil. It is then transported up through the stem, to the leaves and flower. Water evaporates from the leaves. This evaporate causes more water to be sucked up through the stem like a straw.

### Life Cycle of a Flowering Plant



All living things have a life cycle. These are the stages they go through in their life. A plants life cycle starts as a seed. It then starts to germinate. It begins to grow into a seedling before becoming a mature plant. As a mature plants, it reproduces and dies. The cycle begins again.

## Key Vocabulary

<b>Flowering</b>	The stage a plant begins to grow flowers.
<b>Nutrients</b>	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.
<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.
<b>Seed dispersal</b>	A method of moving the seeds away from the parent plant so that the seeds have the best chance of survival.
<b>Evaporation</b>	When a liquid turns into a gas.
<b>Germination</b>	When a seed starts to grow.
<b>Pollinator</b>	Animals or insects which carry pollen between plants. Examples include birds, bees and bats.

### Seed Dispersal

Seeds can be dispersed by:

