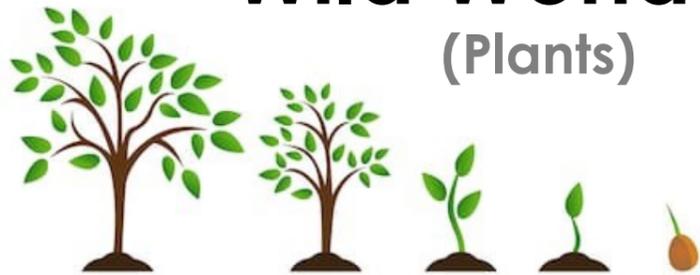




Wild Wonders!

(Plants)



Key Vocabulary (A - Z)

Absorb	To take in or soak up energy. A plant absorbs the sun's energy during photosynthesis.
Anther	The part of a flower that contains the pollen.
Bloom	To be in flower.
Cycle	A series of events that are regularly repeated in the same order.
Disperse	To distribute or spread. A plant disperses its seeds to begin the cycle again.
Fertilisation	After pollination, when a plant is able to form a seed.
Filament	Holds the Anther up. Similarly to how a stem holds a flower head up.
Flower	The seed-bearing part of a plant that are typically surrounded by brightly coloured petals.
Germinate	When a seed starts to grow.
Leaves	These make food for the plant using sunlight and carbon dioxide from the air.
Nutrient	Nutrients are substances that are needed by a living thing in order to grow and survive. Plants can make their own but also get these from the soil it is planted in.
Ovary	Where the seeds are formed within the flower.
Pollen	A fine powdery substance produced by a flowering plant.
Pollination	When pollen is moved from the male anther of a flower to the female stigma.
Roots	These anchor the plant into the ground and absorb water and nutrients from the soil.
Sepal	Leaf-like structures that protect the flower and petals before they bloom (open out).
Stem	This holds the plant up right and carries water and nutrients from the soil to the leaves.
Stigma	The sticky part of the flower that catches the pollen grains.
Style	The style transports the pollen from the stigma to the ovary.

Life Cycle of a Flowering Plant



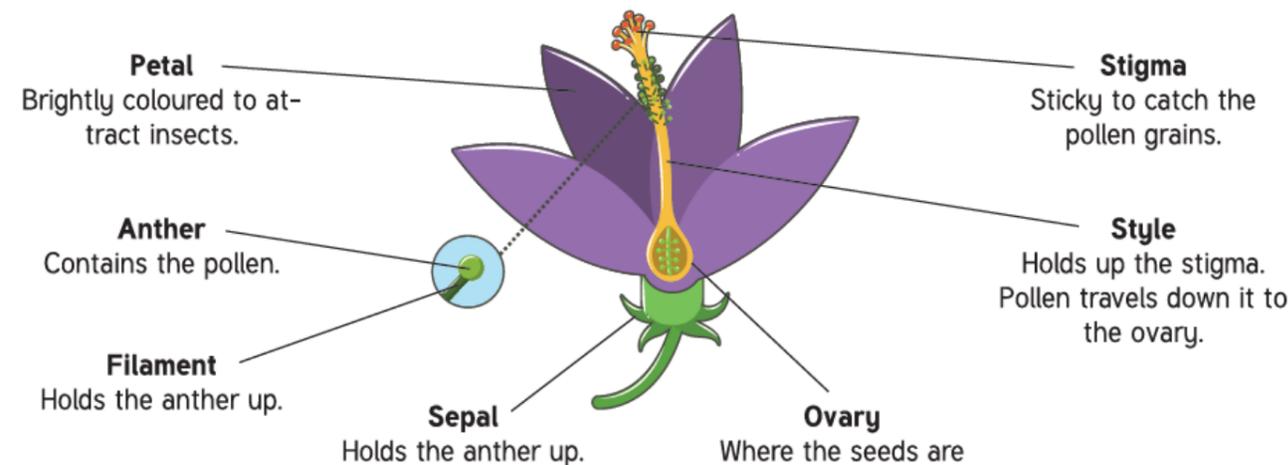
Seed Dispersal
Seeds can be dispersed by:

water shaking
dropping carrying eating bursting



Did you know?

Insects and animals can act as pollinators. These include bees, birds, bats, squirrels and many others.



Leaves make food for the plant using sunlight and carbon dioxide from the air.

leaves



Roots anchor the plant into the ground and absorb water and nutrients from the soil.

roots



flower

stem

The **stem** holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.



Survival

In order for a plant to grow, they need:

- Water**

Water helps the plant to take in nutrients from the soil. Did you know that if you overwater a plant you can drown the roots!

- Nutrients**

Nutrients help the plant grow and stay strong. Just like how nutrients fuel the human body.

- Light**

Plants use the sun's energy to make their own food energy in their leaves. This is called photosynthesis.

- Air**

Plants take in carbon dioxide from the air through their leaves and release oxygen. Plants and humans make the perfect partnership as humans breathe in oxygen and breathe out any carbon dioxide.

- Room to grow**

Plants need enough room to grow. If too close together some plants won't survive.