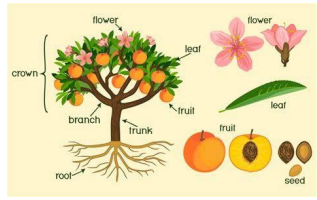


Plants

Strand: Biology





Key vocabulary

Flower	The pretty part of the plant which attracts insects and allows plants to reproduce.
Reproduction	The process in which living things
Nutrients	Substances that help plants and animals to grow.
Temperature	A measure of how warm or cold something is.
Transported	To take something from one place to another.
Fertilisation	In plants, this is when pollen meets the ovule to form a seed.
Pollination	To pollinate a plant means to fertilise it with pollen. This is done by insects.
Germination	The development of a seed when it starts to grow into a plant. For this to happen it must have the right conditions.
Dispersed	When something is scattered, spread or separated through a large area.

Did you know?

Plants are living things. They need nutrition and air, respond to their surroundings, grow, reproduce and release waste products.

Significant People

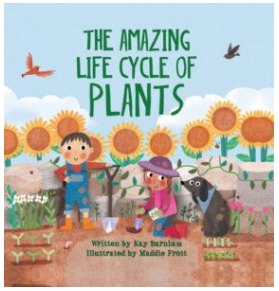


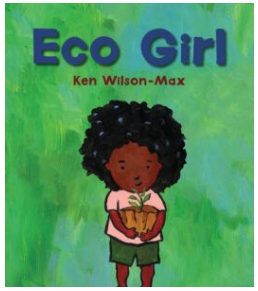
Dr Kelsey Byers
(Evolutionary biologist)

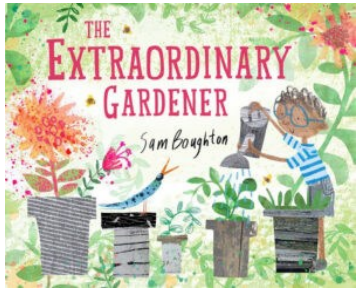
Sticky knowledge

- The roots of a plant anchor it into the ground and allow the plant to take nutrients and water from the soil.
- The stem holds the flower up so insects can see it.
- The leaves make food for the plant using sunlight.
- The flower of the plant is colourful and smells pleasant to attract insect and allow the plant to reproduce.
- Plants need sunlight, water, warmth and oxygen to grow and develop correctly.
- Water is taken from the soil by the roots of a plant. It then travels through the stem and into the leaves and flower.
- Most plants rely on insects to reproduce.
- Pollinating insects take the pollen from the stamen of one plant and transfer it to the stigma of another plant of the same species. The pollen is then turned into a seed by the plant.
- To help plants to survive and thrive, they need to spread their seeds away from the parent plant. This is called seed dispersal.
- Seeds can be dispersed by animals, wind, water and explosion.

Exciting books







Useful websites

https://www.bbc.co.uk/bitesize/topics/zy66fg8/articles/z2d4g7h#z62ccmn

https://www.bbc.co.uk/bitesize/topics/zy66fg8/articles/zrrk4xs