

Nutrients	Nutrients are substances that help living things grow and stay healthy.
Function	A job that part of a living thing has to keep it alive.
Carbon dioxide	A gas taken in by plants during photosynthesis, and breathed out by animals/humans
Oxygen	A gas made by plants during photosynthesis and breathed in by animals.
Photosynthesis	The process in which green plants use sunlight, water and carbon dioxide to make their own food.
Anchor	To hold something in place firmly.
Transpiration	The process of water evaporating from the leaves.
Root hairs	The part of the root that absorbs water and nutrients from the soil.
Stamen	The male part of the flower
Stigma	The female part of the plant.
anther	The top of the stamen where pollen is produced.

Ovary	The part of the flower where seeds are produced.
pollination	The process where pollen is moved from the male part of the flower to the female part by insects.
Fertilisation	How seeds are made in the ovary of the flower.
Nectar	A liquid produced by flowers which attracts pollinators.
Pollen	A fine powder produced by certain plants for the pollination process.
Seed dispersal	The scattering or spreading of seeds.
Pollinator	An animal that moves pollen from one plant to another.

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EQ1 – How do flowering plants function?

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Plants need space to grow and **nutrients** from the soil to **thrive**.

Nutrients are stored and transported from the soil through roots. **Roots anchor** the plant to the soil, so it does not fall over.



The **stem** holds the plant upright and allows water and **nutrients** to move around the plant from the **root hairs**.



Plants produce their own food using the process of **photosynthesis**. This takes place in the leaves, which have veins. **Carbon dioxide, water and sunlight are used** in this process.