

# Science Knowledge Organiser: Plantastic

Subject Specific Vocabulary	
Roots	The part of a plant which attaches it to the ground (usually underground).
Stem/trunk	The main part of a plant that supports the leaves and flowers/the woody stem of a tree.
Leaves	The flat, thin (usually green) parts of a plant that attach to the stem.
Flowers	Part of the plant that blossoms and produces new seeds.
Nutrition	Giving or getting the food needed for health and growth.
Support	Holding something up or bearing the weight.
Reproduction	The process where a living thing creates a new living thing like itself.
Pollination	The process which allows plants to reproduce - pollen lands on the female part of the plant
Germination	The phase of plant growth where the seed first starts to grow and shoots are seen.
Seed dispersal	The way seeds move from a plant to a new place ready to grow.
Seed formation	The process where a seed is made/created/formed.
Function	What something is designed or used for.

## Sticky knowledge

Plants make their own food.

Plants need air, light, water, nutrients from the soil and space to be able to grow.

The function of a flower is reproduction.

Water is transported through the plant from the roots to the stem to the flowers and leaves.

When water evaporates from the leaves of a plant, the roots start to draw up more water from the soil.

Insects like bees transport pollen from the male part of one flower (anthers) to the female part of another plant (stigma). They do this as they collect the nectar from plants to feed on.

