

Year 3 Knowledge Organiser: Plants

Vocabulary

1	water	liquid that comes from clouds as rain.	5	warmth	The state of being warmth. Plants get their heat from the sun.	10	transport	.The movement of water and nutrients through a plant.
2	nutrient	food for plants absorbed by the roots.	6	soil	A mixture of materials that cover the Earth's surface.	11	flowering	The process of producing a flower
3	sun	The star at the centre of the solar system. Life on Earth depends on light and heat from the sun.	7	Life cycle	A number of changes a living thing goes through during its life.	12	Water transportati on	The roots absorb the water from the soil and transports around the plant.
4	Dispersal Disperse	The movement, spread or transport of seeds away from the parent plant.	8	pollination	to transfer pollen from one plant to another to create new plants.	<h2>Key learning</h2> <ol style="list-style-type: none"> Plants are made of many parts all of which have a special role to help the plant grow and keep it healthy. Plants need air, water, light, nutrients and a suitable temperature to grow and stay healthy. Plants have a life cycle - they grow from seeds and bulbs into mature plants which produce new seeds and bulbs to restart the cycle. Flowers are an important part of the life cycle of a plant. This is where pollination and seed formation takes place. Seed dispersal starts here. 		

Key Parts of a plant

1	seed	small, hard part of the plant from which a new plant grows.
3	roots	These parts of the plant grow under the ground. They absorb nutrients and water from the soil.
4	stem	This is the thin, upright part of a plant on which the flowers and leaves grow. It transports the water and nutrients through the plant.
5	leaf	These are usually thin and green. They use light, air and water to make food for the plant.
6	flower	Often brightly coloured, these grow at the end of the stem and produces seeds. Pollination happens in the flower.
7	petal	These are separate parts that form the flower. They can be white but are often brightly coloured to attract pollinators.
9	pollen	This is a fine powder produced by flowers. It fertilizes other flowers of the same species so that they produce seeds.

