

Year 2/3 Knowledge Organiser: Plants

Vocabulary

1	water	liquid that comes from clouds as rain.
2	nutrient	food for plants absorbed by the roots.
3	sun	The star at the centre of the solar system. Life on Earth depends on light and heat from the sun.
4	Dispersal Disperse	The movement, spread or transport of seeds away from the parent plant.
5	warmth	The state of being warmth. Plants get their heat from the sun.
6	soil	A mixture of materials that cover the Earth's surface.
7	Life cycle	A number of changes a living thing goes through during its life.
8	pollination	to transfer pollen from one plant to another to create new plants.
10	transport	.The movement of water and nutrients through a plant.
11	flowering	The process of producing a flower
12	seeds	The seed is the part of a plant which can grow into a new plant.

Key knowledge

1	seed	small, hard part of the plant from which a new plant grows.
2	bulb	a root shaped like an onion that grows into a flower or plant.
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 produce 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.
8	fruit	A fruit is the part of a flowering plant that contains the seeds. The fruit may be soft like berries, or hard and dry, like nuts.
9	pollen	This is a fine powder produced by flowers. It fertilizes other flowers of the same species so that they produce seeds.
10	Water transportation	The roots absorb the water from the soil and transports around the plant.

Key learning

1	Plants are made of many parts all of which have a special role to help the plant grow and keep it healthy.
2	Plants need air, water, light, nutrients and a suitable temperature to grow and stay healthy.
3	Plants have a life cycle - they grow from seeds and bulbs into mature plants which produce new seeds and bulbs to restart the cycle.
4	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.

