

Plants

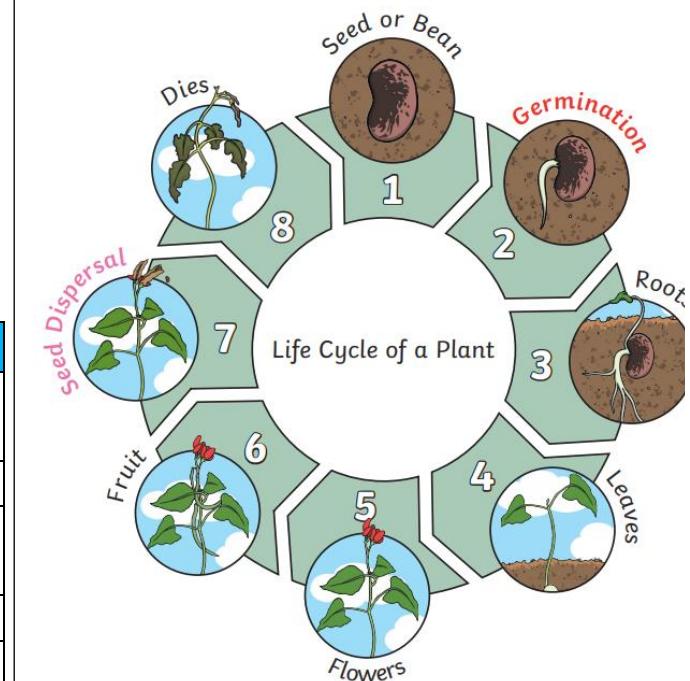
Year 2 Science Knowledge Organiser



What do plants need to grow?

Plants need light, water, air (carbon dioxide), nutrients (from soil/fertilizer), and space and the right temperature, to perform photosynthesis and build strong structures to allow the plant to grow.

Key knowledge



Key vocabulary

Sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight. Some plants only need a little sunlight.
Water	All plants need water to grow. Without water, seeds and bulbs will not germinate
Temperature	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures.
Nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight.
Germination	When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination.
Shoot	A shoot grows upwards from the seed or plant to find sunlight.
Seed Dispersal	Seed dispersal is when the seeds move away from the parent plant. They can drop to the ground in the plant's fruit or be moved by the wind or animals.

