

Science: Year 2 Autumn 1

How do plants grow?

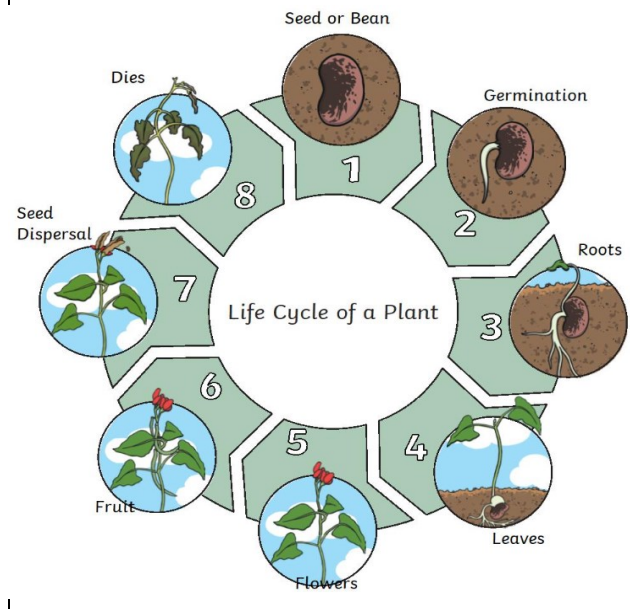
VOCABULARY

Germination	When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell.
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.
Plant Life cycle	The process of a living plant growing from a seed or bulb.
Seed coat	A tough outer coating of a seed
Food store	A store of food for the growing plant until it is able to make its own food.
Embryo	The tiny root and shoot which will grow into the adult plant.

What do plants need?

- ◇ Plants use the sunlight to make their own food. Too little sunlight will make the plants weak.
- ◇ Plants need to drink water and get this from their roots.
- ◇ Plants need the right temperature to grow.
- ◇ Plants need the space to grow.

Life cycle of a bean plant



How does a plant start life?

Plants begin life as a seed or a bulb. A plant germinates when its seed begins to sprout. Seeds have a tough layer on the outside to protect the plant.

Seeds and bulbs have their own food store however they need the right conditions to grow. Seeds and bulbs need the right temperature, light, water and soil.

How does a seed grow?

