

Key knowledge

- Some food we eat is grown from a seed or a bulb that grows into a plant.
- Not all mature plants can be eaten, some are just flowering plants.
- The food we eat comes from the root, seed, stem or leaves of a mature plant.
- Plants need the right amount of water, sunlight and the correct temperature to grow.
- All plants are different. Some will grow in warm sunny temperatures and some will grow in cooler temperatures.
- Plants need water to grow and survive.
- Mature plants make their own seeds ready for the next stage of their life cycle. We don't always have to plant new seeds for them to grow.
- Leaves, seeds and bulbs make their own food and nutrients to help them germinate and grow.
- Plants absorb sunlight through their leaves to make food that helps them grow and keep healthy.
- Plants are living things because they need food, and they grow and reproduce.
- Animals, insects and the wind help to spread seeds so that new plants grow in new places.

Key vocabulary

healthy	Adjective to describe someone or something in good health (well, not ill) or something that is good for us.
photosynthesis	When leaves take energy from sunlight to produce food for the plant to help it grow.
temperature	How hot or cold somewhere, something or someone is.
bulb	Some seeds develop a thick shell around them to keep them warm and safe underground until it is time to germinate.
germination	When seeds or bulbs start to grow shoots.
reproduce	To make something again. With plants, this is when mature plants make new seeds ready to grow again.
mature	fully grown

Key skills:

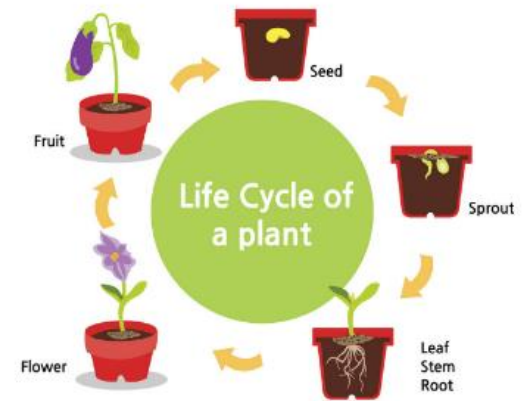
Working scientifically

- Ask simple questions and see that they can be answered in different ways including use of scientific language
- Use simple equipment to observe closely, including changes over time
- Communicate ideas and what you find out in a variety of ways
- Perform simple tests to compare things
- Identify, group and classify
- Use observations and ideas to suggest answers to questions noticing similarities, differences and patterns

Plants

- Observe and describe how seeds and bulbs grow into mature plants
- Describe how plants need water, light and a suitable temperature to grow and stay healthy, and describe the impact of changing these

Images



A healthy plant and one that has not been grown in the right conditions.