



Year 2 - Plants

How does a plant change as it grows?

Science - Biology

Key Vocabulary

flower	Part of a plant that attracts insects and birds
petal	Petals are part of a flowering plant which attract insects such as bees
leaf	Part of a plant which absorbs sunlight which is used by the plant to make food
stem	Part of a plant which helps support it and keep it upright
root	Part of a plant which takes in water and nutrients from the soil
bulb	Bulbs are underground masses of food storage from which plants grow

Key Facts

- Plants need light, water, warmth and room to grow healthily.
- Not all plants need the same amount water to grow e.g. cacti don't need as much water as daffodils.
- Germination is when a seed or bulb starts to sprout. It needs the right conditions to do this.
- Bulbs and seeds do not need food to grow as they already have a food store inside them.
- Sometimes you can tell if a plant isn't healthy by the colour of the leaves.
- Plants start to germinate in the spring because of the temperature of the air.

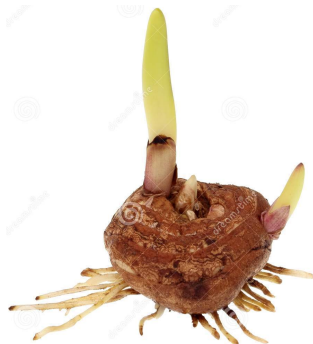
Key Questions

- What conditions does a plant need to grow healthily?
- Do all plants need the same things to grow?
- What does germination mean?
- Do all plants grow the same?
- Do bulbs and seed need food?
- Can plants germinate in all seasons?

Links to other Learning

- Year 1 - Plants
Identify and describe the basic structure of a variety of common flowering plants including trees
- Year 1 - Seasonal changes
Observe and describe the weather across the four seasons
- Year 3 - Plants
Identify and describe the different parts of flowering plants
- Geography - Climate zones and vegetation belts

Cacti store water because they live in a dry environment. This means they don't need watering as much as other plants



A bulb beginning to germinate. You can see the roots and the shoot start to appear

Famous Scientist

Marie Clark Taylor
1911-1990

Marie Clark Taylor was an American botanist who is best known for her research into the influence of light on plant growth.

