

What do seeds need to grow?

Seeds and bulbs

Germination



water



light



warmth

leaves	They use light to make food for the plant.
roots	They take up water and nutrients from the soil.
flowers	They make seeds so new plants can grow.



The **shoot** is the first green part of a plant to grow from a seed.

Bulbs

Rounded roots from which new plants can grow.



- Seeds contain a store of **energy**.
- **Germination** is when a new plant starts to grow.
- A seed needs **water** and **warmth** to germinate.

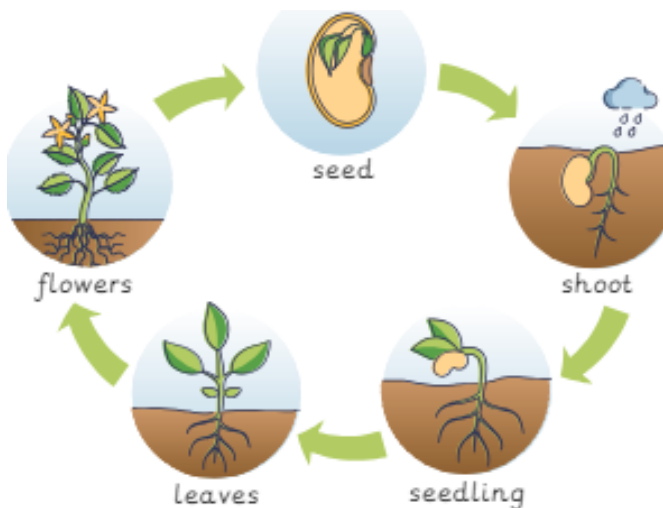









Light and plant growth

Plant life cycle

Plant care

- The seed used its energy store to germinate in the dark.
- It grew roots, a long, white stem and yellow leaves.
- Without light, the plant could not make more food (energy).
- The plant ran out of energy, wilted and died.



 water	 music	 wind	 moonlight
 soil	 light	 love	 warmth