

Science • Plants

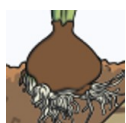


Crucial Knowledge

- Plants and animals produce offspring that grow into adults.
- Plants may grow from either seeds or bulbs.
- Seeds and bulbs then germinate and grow into seedlings which then continue to grow into mature plants.
- mature plants may have flowers which then develop into seeds, berries, fruits etc.
- Seeds and bulbs need to be planted outside at particular times of the year and they will germinate and grow at different rates.
- Some plants are better suited to growing in full sun and some grow better in partial or full shade.
- Plants also need different amounts of water and space to grow well and stay healthy.
- Seeds and bulbs will grow into adult plants under the right conditions (water, warmth)
- Plants that are deprived of light, food or air will not grow and will die.



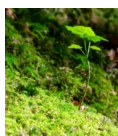
Key Vocabulary



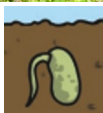
Bulb: a storage unit that some plants grow from, which goes to sleep over the winter



Seed: in a flowering plant, the unit that is capable of growing into another plant



Offspring: the result of a plant or animal reproducing



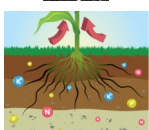
Germinate: begin to grow



Sprout: to grow or spring up. Also sometimes another word for shoot



Shoot: a young branch springing from the main part of a plant



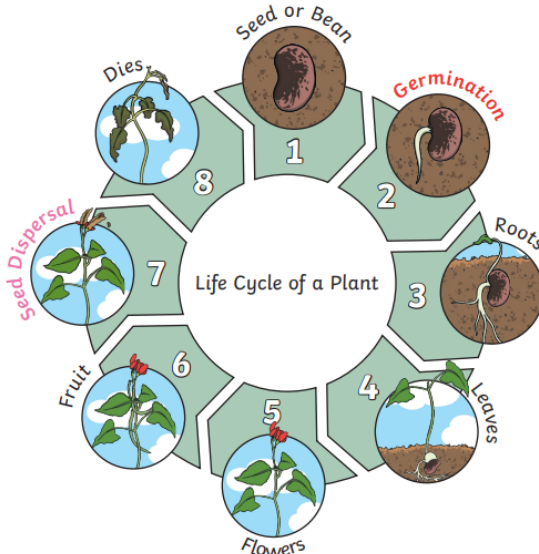
Nutrients: substances that helps a living thing to survive and grow



Seed dispersal: the movement of seeds away from the parent plant



Diagrams / Images



Important People



George Washington Carver (~1864 – 1943) Born into slavery, but through education, determination and a passion for plants became a prominent botanist.

Beatrix Potter (1866 – 1943) was a natural scientist and conservationist, but best known for her children's books featuring animals such as Peter Rabbit.



We Are Building Our Knowledge From

- Plants (Y1)

This will help when we learn about

- Living Things and Their Habitats (Y2)
- Plants (Y3)