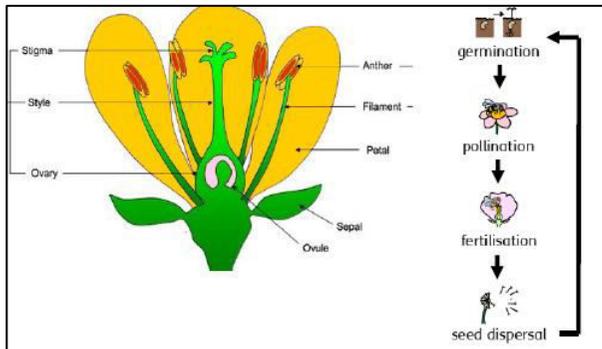


What should I already know?

- Which things are living and which are not.
- A variety of common wild and garden plants,
- The structure of common flowering plants, including trees (including leaves, flowers, fruits, roots, bulbs, seeds, stem, trunks and branches)
- Seeds and bulbs grow into mature plants
- Plants need water, light and a suitable temperature to grow and stay healthy.
- Different vegetation belts and climate zones **around** the world
- Plants and animals depend on each other to survive.

Investigate

- Compare the effect of different factors in **plant** growth (e.g. the amount of water, the amount of light and the amount of **fertiliser**). Discuss what would make this a fair test.



Vocabulary

Anther the part of a stamen that produces and releases the pollen

Bulb a root shaped like an onion that grows into a flower or plant

carbon dioxide a gas produced by animals and people breathing out

deciduous a tree that loses its leaves in the autumn every year

dispersed scattered, separated, or spread through a large area

fertilisation in plants, where pollen meets the ovule to form a seed

function a useful thing that something does

germination if a seed germinates or if it is germinated, it starts to grow

life cycle the series of changes that an animal or plant passes through from the beginning of its life until its death

pollination To pollinate a plant or tree means to fertilise it with pollen. This is often done by insects

nutrients substances that help plants and animals to grow

All Saints Academy Primary School

Theme: Roots and Shoots

Year: 3

Subject: Science

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