

The Flourish Federation—Knowledge Organiser

Brookfield Infant and Junior Schools



Science Focus:

Plants

Year 2

Term 5

What? (Key Knowledge) Activities

Observe and describe how seeds and bulbs grow into mature plants.	Children will grow their own plants such as sunflowers/ cress from different seeds and observe and note the changes over the term. Create a plant diary using Purple Mash. They will look at wild plants and trees and could measure how tall plants are. (this will need to be revisited in term 6 to note changes.)
Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	Children will conduct experiments by growing a plant from seed and changing the conditions by removing or changing either amount of water, light, temperature and record changes to discover what environment conditions a plant grows and stays

What? (Key Vocabulary)

	Examples
Trees	deciduous, evergreen, ash, birch, beech, rowan, common lime, oak, sweet chestnut, horse chestnut, apple, willow, sycamore, fir, pine, holly, etc
Wild flowering plants	cleavers, coltsfoot, daisy, dandelion, garlic mustard, mallow, mugwort, plantain, red clover, self heal, shepherd's purse, sorrel, spear thistle, white campion, white deadnettle and yarrow.
Garden plants	crocus, daffodil, bluebells, etc
Parts of plants	roots, branch, trunk, stalk, leaf, flower, petal, seeds, bulbs and twigs
Need of plants	water, light, heat, temperature

Who? (Key People)

Charles Darwin 1809-1882	A famous naturalist, geologist and biologist, known for his 'thinking walks' where he would observe and discover and find out about plants.
David Attenborough 1926-	Famous for his nature documentaries. Studied plants and animals in the natural world.

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ICT Opportunities

There are lots of Science resources on Purple Mash to support understanding. Including writing and labelling tasks

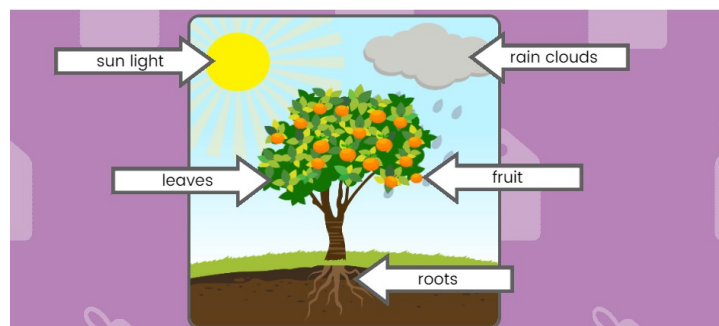
Use my plant diary to record changes <https://www.purplemash.com/#app/pup/plants2>

Video blogs using I pads to describe how plants grow.

Cross - Curriculum Links

Art— DT sketch different flowers. Make a garden collage using natural materials including flowers, leaves, sticks etc, bark rubbing

Visuals



Plants and Flowers Hunt Sheet

Tick the plants and flowers that you have found!

