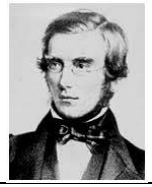
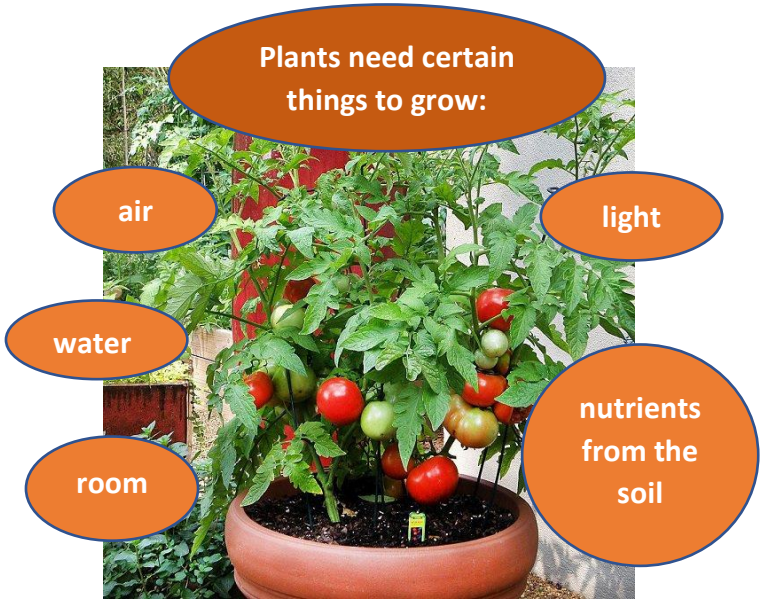
Key vocabulary	
photosynthesis	The way in which plants make food in their leaves.
pollen	This is a very fine powder that is produced by the male part of the flower.
pollination	When pollen is transferred to female parts of a flower. This can be done by wind or insects.
seed formation	Seeds can develop after pollination. They can be found in berries or fruits.
seed dispersal	Seeds can be dispersed in different ways, for example, wind, animals or water.
germination	When a seed sprouts a root and shoot.

How a plant takes in water

Information relating to 'famous scientists' adapted from work by Alex Sinclair & Amy Strachan of St Mary's University

Significant scientists

Joseph Dalton Hooker *(1817-1911)* 	Joseph Hooker was a doctor and travelled to many places. He was a plant collecter and botanist and brought many plants back to the UK. Joseph was interested in finding out why plants grow in the locations they do.
Professor Monique Simmonds 	Monique Simmonds is the deputy director of science at the Royal Botanic Gardens, Kew. She researches traditional and commercial uses of plants and fungi. Her work involves her promoting plant and fungal-based solutions to global challenges.



Pollination

Insects like bees and wasps transfer the pollen from the male part of a flower to the female part of other flowers.

Methods of seed dispersal