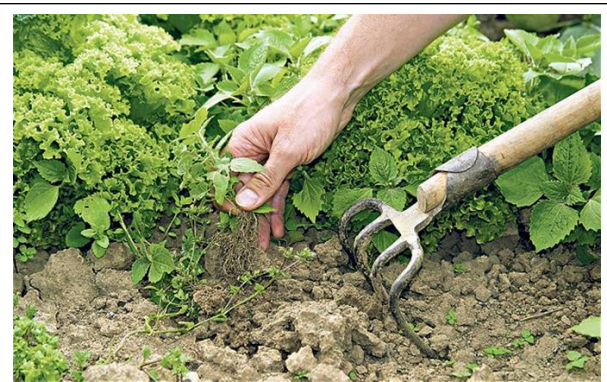


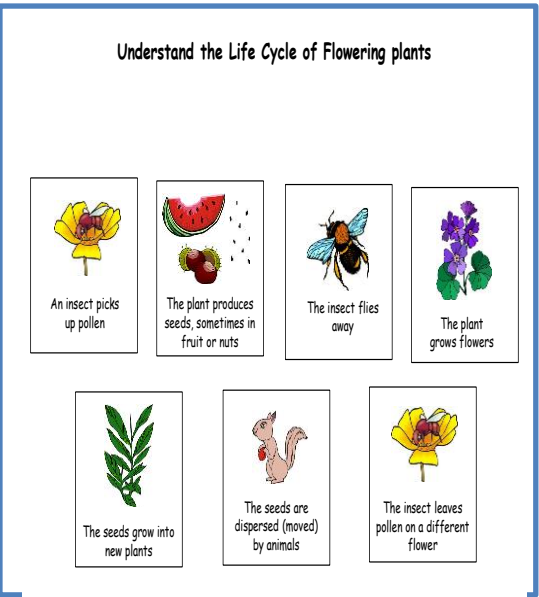
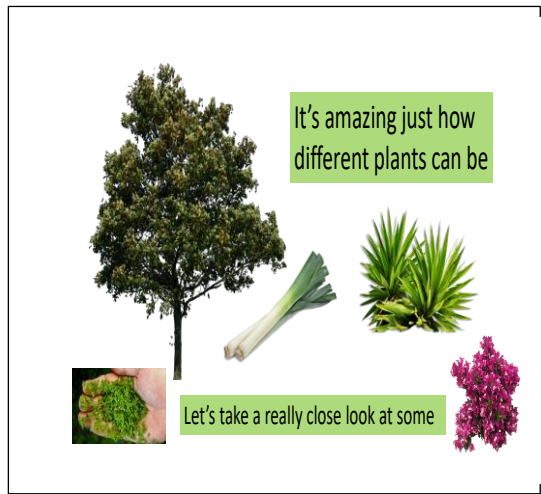
Plants and Roots Year 3 Knowledge Organiser

Key vocabulary	
roots	Anchor a plant in place. The roots also absorb water and nutrients from the soil.
stem/trunk	Transports water and nutrients around the plant. It also holds the leaves/flowers up in the air.
leaves	They use sunlight and water to produce the plant's food.
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.

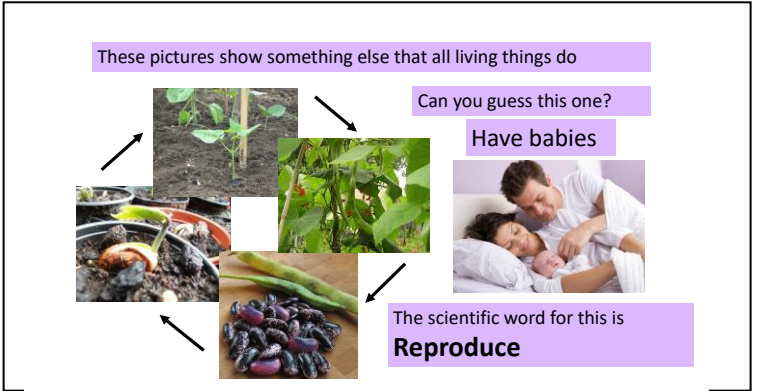


True or False?
Weeds are just plants that grow in places they are not wanted.

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



Plants do not have the same 5 senses as us, but they are sensitive to their environment in other ways as they can respond to light and temperature.



Challenge – Can you match up each word to a picture?

Well done scientists!