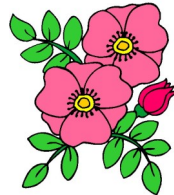
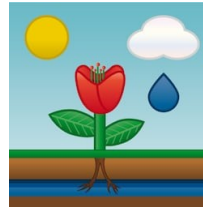
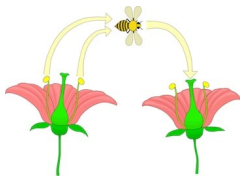


Upperby Primary School - SCIENCE Knowledge Organiser

YEAR 3 - PLANTS

Key Questions			Vocabulary	
What are the parts of a flowering plant?	A flowering plant is made up of roots, a stem, leaves and a flower. Each part helps the plant to grow and survive.		Roots	They absorb water and nutrients from the soil.
How is water transported in a plant?	Water is absorbed by the roots and travels up the stem or trunk to the other parts. The water travels through tiny tubes inside the stem.		Stem	Transports water up the plant, keeps the plant upright.
How do plants reproduce?	The flower produces pollen which is carried to other plants on the wind or by small animals and insects. The pollen fertilises the new plant which grows a seed. The seeds are scattered and grow into new plants.		Leaf	Uses sunlight and air to make the plant's food.
Working Scientifically <ul style="list-style-type: none"> Make systematic and careful observations and take accurate measurements. Identify differences, similarities or changes related to simple scientific ideas and processes. Report on findings from enquiries. 			Flower	Makes and collects pollen to create new seeds.
			Seed	Grows into a new plant.
			Pollen	This is taken to new plants by insects or the wind.
			Fertilise	When pollen reaches a new plant it is fertilised.
			absorb	To soak up (the roots soak up water from the soil).
What will I know at the end of the unit? <ul style="list-style-type: none"> The parts and functions of flowering plants. How water is transported through a plant. How a flowering plant is pollinated and fertilised. How seeds are dispersed before growing into new plants. 			Disperse	To scatter (the seeds scatter away from the plant).
			Nutrients	Vitamins and minerals found in the soil.