Class 3	
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Subject: Science

Summer 1

Science Focus: Plants

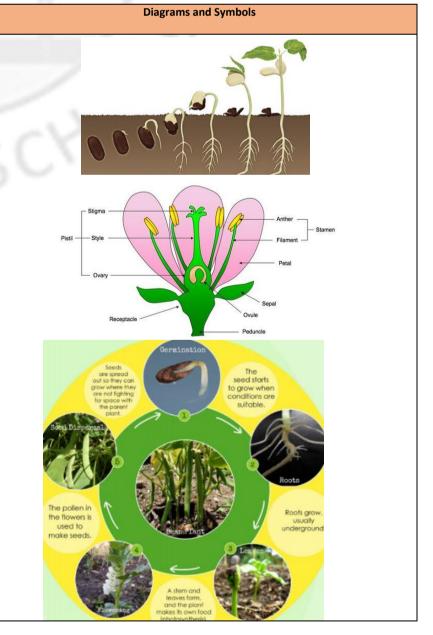
Key Knowledge		
What is the lipecycle of a plant?	Seed or bean – germination – roots – leaves – çlowers – çruit – seed dispersal – dies.	
How do plants collect water?	Roots absorb water from the soil then travels through the stem and finally passes onto the leaves and flower.	
What requirements to plants need to survive and grow?	Plants need water, nutrients, air, light, suitable temperature and time.	
How are seeds dispersed?	Some are dispersed by wind, water, animals and exploding naturally.	
How do plants reproduce?	Flowering plants reproduce through pollen being passed grom one plant to another. Seeds are also dispersed to create new plants.	
What are the parts and functions of a plant?	Roots- keeps the plant to the ground and absorbs the water and nutrients.	
	Stem- supports the plant and transports water and nutrients.	
	Leaves- helps the plant make good for itself	
	Flower- involved in the reproduction and produces seeds grom which new plants grow.	

Greater Depth Thinking

- Identify the different parts within the flower • (anatomy).
- Explain how gertiliser may help plants grow better.
- Explain the diggerence between a glowering and r-glowering plant.



Key Vocabulary	
Germination	The development of a
	plant grom a seed.
Pollination	When poller is moved
	from one flower to
	another.
Seed cormation	When the clower
	produces seeds.
Seed dispersal	A method of moving the
	seeds away from the
	main plant.
Nutrients	Substances which living
	things need to grow ad
1/1/1	survive.
Flowering Plant	Plants that has a glower
	with petals.
Plant Reproduction	The process of creating
	new plants from the
Devel	seeds/pollen.
Environment	The surroundings that
	are around us.
Fertiliser	Chemical added to the
	soil to help plants grow.
Decorestation	When forests are
	destroyed by cutting and
	not replanted.



• Investigate why certain plants may not grow in specific conditions.

Possible Experiences

- Dissect the plant and the glower head. •
- Observe and compare glowers and plants around the school grounds.
- Plan an experiment to observe how water travels in a plant.
- Investigate how weight, size and dispersal strategies of seeds can affect the distance they travel.