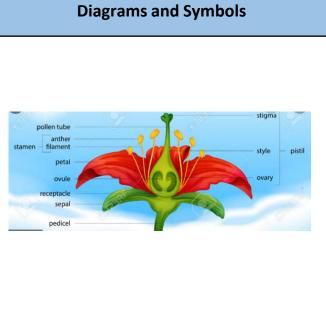
The Spring Partnership Trust - Science Knowledge Organiser

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Science Focus		Plants		Year 3		Summer 2	
What? (Key Knowledge)				What should I already know?			
The functions of the different parts of a plant	bright - th other inse collect po The seeds to make n germination Leaves use	s on a flower are usually is is to attract bees and cts so that they can llen to make seeds. are then able to grow ew plants. This is called on. e carbon dioxide and o make food for the		 Which things are living and which are not. A variety of common wild and garden plants, including deciduous and evergreen trees and how to identify them. Plants need water, light and a suitable temperature to grow and stay healthy. Plants and animals depend on each other to survive. 			
What do different plants need to grow?	Air, water, sunlight, nutrients from the soil, room to grow, suitable temperature The amount of each of these may vary depending on the type of plant. For example, cacti need less water than other plants.			What? (Key vocab)			
				Spelling		Definition	
				Absorb	to soak up	o or take in	
				Germination	-	erminates or if it is ed, it starts to grow	
How is water transported within plants?	The process of water transportation is the way water moves through a plant.			Fertilisation		where pollen meets the orm a seed	
	The roots a soil.	absorb water from the transports water to the ater evaporates from		Carbon dioxide		luced by animals and eathing out	
				Pollen	to fertilise	te a plant or tree means e it with pollen. This is e by insects	
Dia	agrams an	d Symbols	1	Transported	taking sor	nething from one place to	



Possik	le ex	perien	ices
1 0 0 0 1 1		PCIICI	

through a large area

another

Stigma

Dispersed

Opportunities to experiment with seeds and flowering plants. Class plant, children to note and record observations.

the top of the centre part of a

scattered, separated, or spread

flower which takes in pollen

Possible visit to local gardens to explore the life cycle of a flowering plant.