
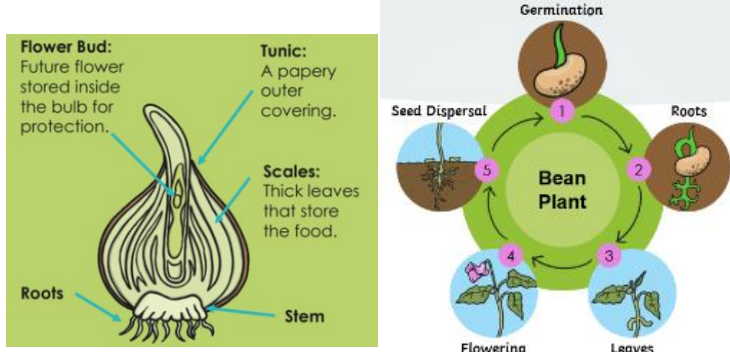


The Marist RC Primary School		Knowledge Organiser	
Year 2, Science Summer 1		Plants	
Builds on and leads to ...		Enquiry/skills	
Builds learning on from Year 1 ... <ul style="list-style-type: none"> Identify some common garden plants (e.g. poppy, rose) and know the names of some common wild plants (e.g. daisy, dandelion, nettle). Know that deciduous trees lose their leaves in the autumn every year and evergreen trees have green leaves all year round. Identify and describe the basic structure of a variety of common flowering plants, including trees. Being able to identify petals, fruits, roots, bulbs, seeds, stem, trunks and branches. Leads to in KS2 ... <ul style="list-style-type: none"> Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers. Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant. Investigate the way in which water is transported within plants. Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. 		<ul style="list-style-type: none"> observing closely, using simple equipment performing simple tests identifying and classifying using their observations and ideas to suggest answers to questions gathering and recording data to help in answering questions 	
		Diagrams	
			
What will I know by the end of the unit?	Vocabulary		
<ul style="list-style-type: none"> Identify seeds within fruits. Observe and describe how seeds and bulbs grow into mature plants. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. Understand that seeds and bulbs need water to grow healthy but most do not need light to germinate as they have a store of food inside them. 	bulb	Parts that grow out from the tree trunk and have leaves, flowers, or fruit growing on them	
	fruit	Something which grows on a tree or bush and which contains seeds or a stone covered by a sub-stance that you can eat	
	nutrients	Substances that help plants and animals to grow	
	leaf /leaves	The parts of a tree or plant that are flat, thin, and usually green	
	plant	A living thing that grows in the earth and has a stem, leaves, and roots	
	petal	Coloured or white parts which form part of the flower	
	reproduce	When an animal or plant produces one or more individuals similar to itself	
	roots	The parts of a plant that grow under the ground	
	seed	The thin, upright part of a plant on which the flowers and leaves grow	
	germinate	(of a seed or spore) When a seed begins to grow and put out shoots after a period of dormancy	
	dormancy	The period of time before a seed germinates when the conditions are not correct for survival	
Assessment task End of unit assessment			