



Class 2

Madron Daniel Science Small Step Progression

Plants – Year 3 Unit – Year C

Retrieval vocab: Seeds, bulbs, stem, root, petal, flower, leaf, healthy, unhealthy New Vocab Pollen, insect/wind pollination, seed formation, seed dispersal (wind dispersal, animal dispersal, water dispersal)			Previous learning • Observe and describe how seeds and bulbs grow into mature plants. (Y2 - Plants) • Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. (Y2 - Plants)			Links with Vision and Values. <i>Stimulate in every child a sense of curiosity and excitement about the world</i>	
	Working scientifically/ enquiry focus	Curriculum Strand/ Focus	Small step objective	Previous learning within the unit.	Lesson content	Outcome	
1	Identify/Classify Comparative/ Fair testing Observing over time	Plants	Explore the requirements of plants for life and growth.	N/A	What do plants need?	The children can: Plan an investigation to see what plants need to grow.	
2	Identify/Classify	Plants	Identify, locate and describe the function of different parts of flowering plants.	<i>Investigate what plants need to grow.</i>	Do the different parts of the plant have a function?	The children can: Identify the different parts of the plants and explain their function.	
3	Identify/Classify	Plants	Identify, locate and describe the function of the roots in plants	<i>As above Identify the different parts of the plant and explain their function.</i>	What are roots?	The children can: Identify where the roots are on different plants and explain their function.	
4	Comparative/Fair testing	Plants	Investigate the way in which water is transported within plants	<i>As above Identify where roots are on different plants and explain their function.</i>	How do plants transport water?	The children can: Plan and carry out an investigation to explore how water is transported through plants.	



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5	Identify/Classify	Plants	Explore the part that flowers play in the life cycle of flowering plants, including pollination.	<i>As above Plan and carry out an investigation to explore how water is transported through plants.</i>	How do plants reproduce?	The children can: Identify the parts of a flowering plant that play a part in pollination.
6	Identify/Classify	Plants	Explore the part that flowers play in the life cycle of flowering plants, including seed formation and seed dispersal.	<i>As above Identify the parts of a flowering plant that play a part in pollination.</i>	How are seeds dispersed?	The Children can: Explain how seeds are formed in flowering plants and describe the different ways in which they can be dispersed.