



Year Group	3	Term	Spring 2	Subject	Science	Topic	Plants (Pollinating Plants)
						Key Question	What do we know about the life cycle of a plant?
Prior Learning and other Curriculum Links	<p>EYFS</p> <ul style="list-style-type: none"> Plants seeds and care for growing (UW - 3-4 Years) Understand the key features of the life cycles of a plants and an animals. (UW - 3-4 Years) <p>Year 1</p> <ul style="list-style-type: none"> identify and name a variety of common wild and garden plants, including deciduous and evergreen trees identify and describe the basic structure of a variety of common flowering plants, including trees. <p>Year 2</p> <ul style="list-style-type: none"> 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. 					Target Tracker statements (Skills)	<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 forlife 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 istransported within plants. explore the part that flowers play in thelife cycle of flowering plants, including pollination, seed formation and seed dispersal
Fundamentals	<p>By the end of this topic the children should have a fundamental knowledge of the structure of a plant and the parts that make up the pollination process. They should also understand how water move sin plants and complete an observation on plant growth and 7 key processes in life.</p>					Key Facts/Sticky Knowledge	<ul style="list-style-type: none"> Know the parts of a plant: roots, stem, leaves, flowers Know the parts of the flower: petal, carpel (stigma, style, ovary), ovule, sepal, stamen (anther, filament) and stem.

			<ul style="list-style-type: none"> - Know life cycle of a flowering plant: germination, growing, pollination, fertilisation and seed dispersal. - Seeds can be dispersed in 6 ways
Our Curriculum Journey	<p>Journey: Children will recap and learn new things about plants. They will recap and understand the different parts of a plant. They will take this knowledge further by also looking at the flower in detail. They will then learn about the 7 key process all living things need. They will then plant 3 seeds and observe these over the term to see how they grow. Each one will be in slightly different conditions where they may be lacking one of these life processes. The children will then look at how water is transported around a plant and the importance of this. They will finish the unit off by learning about the life cycle of a flowering plant and all about seed dispersal and how this starts off the cycle again.</p> <p>Experiment: The children will plant 3 seeds and place each one in different conditions. They will then observe over the term each week what is happening to the plant and write these observations down. They will write a concluding statement at the end to summarise their findings.</p>		
Key Vocabulary (revisited)	Plants, trees, structure, observe, seeds, bulbs, growth, water, light, temperature	Key Vocabulary (new)	<p>Identify, question, fair test, change, measure, investigate, explore, observe, function, requirement</p> <p>pollination, formation, dispersal</p>