

Question-based Learning Project	Intent To know...	‘Sticky Knowledge’ Interesting Facts EYFS & National Curriculum		Cultural Capital + Memorable Experiences	Vocabulary
<p>Nursery</p> <p>Why can't I eat chocolate for breakfast?</p>	<ul style="list-style-type: none"> - names of fruit & vegetables - how to grow & care for food - that our senses can be used to explore & name the inside of a fruit 	<p><i>*Chocolate comes from a fruit tree. It's made from a seed</i></p>	<p>3-4 years: Understanding the World</p> <ul style="list-style-type: none"> - use all their senses in hands-on exploration collections of materials with similar and/or different properties - talk about what they see using a wide vocabulary - plant seeds and care for growing plants - understand the key features of the life cycle of a plant - know that there are different countries in the world & talk about the differences they have experienced or seen in photos 	<ul style="list-style-type: none"> - Invite parents for a special breakfast - Create a vegetable patch in the Nursery Garden 	<ul style="list-style-type: none"> - cocoa bean - names of fruits - plant, seed, dig, water, tomato, courgette, strawberry, pumpkin, sunflower
<p>Reception</p> <p>What's Above Me? What's Below Me?</p>	<ul style="list-style-type: none"> - what a plant needs to grow - names of plants, fruits, vegetables - names of parts of plants - our senses can be used to explore & name the inside of a fruit - some plants are sources of food 	<ul style="list-style-type: none"> <i>* We need to eat 5+ portions of fruit/veg everyday</i> <i>* Watermelons are 92% water</i> <i>* Carrots used to be purple. They made them orange for King William of Orange</i> <i>* Plants need water to help them grow</i> 	<p>Reception Understanding the world</p> <ul style="list-style-type: none"> - understand the effect of changing seasons on the natural world around them. - explore the natural world around them. - describe what they see, hear and feel whilst outside <p>ELG – People, culture and communities</p> <ul style="list-style-type: none"> - describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps 	<ul style="list-style-type: none"> - planting afternoon - Looking at + trying lots of different fruits + vegetables - growing beans, sunflowers & cress 	<ul style="list-style-type: none"> - roots, stem, flower, leaf, seed, bud, petal - germination - nutrition - bulb

			<p><u>ELG – The Natural World</u> - explore the natural world around them, making observations & drawing pictures of animals + plants</p> <p><u>ELG – The Natural World</u> - understand some important processes and changes in the natural world around them, including the seasons and changing states of matter</p> <p><u>Physical Development</u> - know and talk about the different factors that support their overall health and wellbeing - healthy eating</p>		
<p>Year 1</p> <p>What will you find in a woodland habitat?</p>	<p>- names of common wild + garden plants, including trees</p> <p>- structure of flowering plants</p>	<p><i>* The oldest tree in the UK is 2-3000 years old in Scotland</i></p> <p><i>* Evergreens never lose their leaves</i></p>	<p>♣ identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</p> <p>♣ identify and describe the basic structure of a variety of common flowering plants, including trees</p>	<p>- bird watching in school</p> <p>- visit to ‘Gruffalo Discovery Land’ at Twycross Zoo</p> <p>- set up a woodland campsite</p>	<p>- evergreen, deciduous, stem, roots, petal, stalk, bark, flower names</p>
<p>Year 2</p> <p>How does your Garden grow?</p>	<p>- the names of a variety of plants & animals in the garden habitat,</p>	<p><i>* Bulbs that flower in Spring, refuse to bloom without a Winter’s sleep</i></p> <p><i>*A Venus Fly-Trap can count to 3</i></p>	<p>♣ observe and describe how seeds and bulbs grow into mature plants</p> <p>♣ find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</p>	<p>- visit to Chatsworth Gardens workshop ‘Perfect Pollinators & Fabulous Flowers’</p>	<p>- bud, shoot, seed coat</p> <p>- mature, suitable, germination, disperse, nutrient</p> <p>- micro-habitat, environment</p>

	<p>including micro-habitats</p> <ul style="list-style-type: none"> - how seeds & bulbs grow into plants - plants need water, light & a suitable temperature to grow 	<p><i>* Cacti roots spread over a very large area so they can collect as much water as possible</i></p> <p><i>* Pitcher plants get nutrients from insects</i></p>		<ul style="list-style-type: none"> - 'Big Plant Day' - planting own vegetables in our Owl Garden to use in DT to make a healthy wrap 	
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