

Learning Progression: Plants

	Nursery	Reception	Year One		Year Two – Living Things and their Habitats			
Objectives Covered	<ul style="list-style-type: none"> Plant seeds a care for growing plants Understand the key features of the lifecycle if a plant and animal Begin to understand the need to respect and care for the natural environment and all living things 	<ul style="list-style-type: none"> Explore the natural world around them Describe what they see, hear and feel while they are outside Understand the effect of changing seasons on the natural world around them Use talk to help work out problems and organize thinking and activities, and to explain how things work and why they might happen <p>ELG</p> <ul style="list-style-type: none"> Explore the natural world around them, making observations and drawing pictures of animals and plants Know some similarities and differences between the natural world and contrasting environments, drawing on their experiences and what been read in class 	<ul style="list-style-type: none"> Seasonal changes, plants and animals 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 and trees 			<ul style="list-style-type: none"> Explore and compare the differences between things that are living, dead, and things that have never been alive Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other Identify and name a variety of plants and animals in their habitats, including microhabitats Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food 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 		
<p>Vocabulary</p> <p>Red – statutory Blue – non-statutory Black - additional</p>	<p>plant seed flower (plant names from local environment) soil water leaf grow bigger taller</p>	<p>see feel same different plant flower garden seed trees leaves soil</p>	<p>wild garden deciduous evergreen plants trees</p>	<p>growth flower leaves blossom petals fruit roots bulb seed trunk branches stem</p>		<p>living dead never been alive habitats depend microhabitats food chain sources of food</p>	<p>healthy seashore woodland ocean rainforest shelter</p>	<p>microhabitat habitat</p>
Skills	<ul style="list-style-type: none"> Learn new vocabulary Understand and ask ‘why’ questions about plants Talk about and make observations of plants using taught vocabulary Comment on similarities, differences, patterns and change Use senses to explore plants Identify some plants within own environment 	<ul style="list-style-type: none"> Learn new vocabulary and use it in different contexts Articulate their ideas and thoughts in well-formed sentences. Ask questions to find out more and to check what has been said to them Make comments about what they have heard and ask questions to clarify their understanding Make comments and observations of their environment and plants using taught vocabulary 	<ul style="list-style-type: none"> Ask questions about plants Observe plants closely using magnifying glasses Identify, group and classify plants Compare and contrast plants, seeds and bulbs Observe and record how plants change overtime Suggest answers to questions using their observations Record and describe observations Draw diagrams 	<ul style="list-style-type: none"> Ask and answer questions Construct diagrams and food chains Research habitats Identify, sort and classify things that are dead, living or never been alive Observe how living things depend on each other Compare animals found in the local habitat to those found in less familiar habitats 				

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		<ul style="list-style-type: none"> • Observe and find out about plants using first-hand experience and books • Make comments about plants based on their experiences and what has been read to them • Describe events and observations in some detail. • Use talk to help work out problems and organize thinking and activities, and to explain how things work and why they might happen • Discuss observed similarities and differences about plants • Explain why some things occur • Use drawings and photographs to show observations and understanding 		
Activities	<ul style="list-style-type: none"> • Nursery garden opportunities • Growing cress 	<ul style="list-style-type: none"> • Grow a beanstalk from a seed • Class allotment • Oliver's Vegetables book • Cress growing • Seed sorting 	<ul style="list-style-type: none"> • Dagenham park visit (regular visit over the year) • Rainham Marshes trip • Grow sunflower from a seed • School allotment. Food harvested is cooked and eaten at lunchtime 	<ul style="list-style-type: none"> • School allotment