



Year 1– Plants



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National Curriculum Objectives	Declarative Knowledge	Procedural Knowledge
<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. Identify and name the roots, trunk, branches and leaves of trees. 	<ul style="list-style-type: none"> Know the names of common flowers Know the names of some common garden plants Know the difference between deciduous and evergreen trees. Know examples of deciduous and evergreen trees. Know the names of parts of trees (e.g. trunk, branches, leaves, roots, blossom, fruit,). Know the three things that a plant needs to grow. Know the names of some garden plants from memory. Know of some common plants that can be found in the wild. Know how plant growth can be measured. Know how a seed would be planted. Know that some trees can be identified by their leaves. Know the names of the different parts of a plant (stem, roots, flower, petal, seeds & leaves). 	<ul style="list-style-type: none"> To be able to use the local environment throughout the year to explore and answer questions about plants growing in their habitat. To be able to observe the growth of flowers and vegetables that they have planted. To be able to identify common flowers and plant structures. To be able to identify some common plants in the wild. To be able to use magnifying glasses to compare and contrast familiar plants To be able to draw diagrams showing the parts of different plants and trees To be able to keep records of how plants have changed over time
Prior Learning	Key Questions	Future Learning
<p>In EYFS Children should:</p> <ul style="list-style-type: none"> Make observations of plants Know some names of plants, trees and flowers. May be able to name and describe different plants, trees and flowers. Show some care for their world around them. 	<ul style="list-style-type: none"> How do plants grow? What do plants need to grow? Do all plants need water? Are all plants green? Why do seeds look different? Can plants grow as big in the shade? What is the biggest/smallest/smelliest (etc) tree/flower/plant on the planet. 	<p>In Year 2 Children will:</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 warmth to grow and stay healthy.
Vocabulary	Key Scientists	Linked Texts
Leaves, trunk, branch, root, seeds, bulb, flower, stem, wild, garden, deciduous, evergreen.	Beatrix Potter (Author and Botanist)	Tree: Seasons Come, Seasons Go (Patricia Hegarty and Britta Teckentrup) A little Guide to Wild Flowers (Charlotte Voake) The Things That I LOVE about TREES (Chris Butterworth) Harry's Hazelnut (Ruth Parsons)
Teaching Ideas		



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Comparative tests	Identify & Classify	Observation over time	Pattern seeking	Research	Big Question
<p>Which type of compost grows the tallest sunflower?</p> <p>Which tree has the biggest leaves?</p>	<p>How can we sort leaves that we collected on our walk?</p>	<p>How does a daffodil bulb change over the year?</p> <p>How does my sunflower change each week?</p> <p>How does the oak tree change over the year?</p>	<p>Do trees with bigger leaves lose their leaves first in autumn?</p> <p>Is there a patten in where we find moss growing in the school grounds?</p>	<p>Why are the most common British plants and where can we find them?</p> <p>How did Beatrix Potter help our understanding of mushrooms and toadstools?</p>	<p>How many types of plant are there?</p>
					