

Science Learning Organiser 2022 Spring - Plants

National Curriculum	Learning	Vocabulary	
<ul style="list-style-type: none"> • <i>Identify and name a variety of common, wild and garden plants including deciduous and evergreen trees.</i> • <i>Identify and describe the basic structure of a variety of common flowering plant, including trees.</i> • <i>Observe and describe how seeds and bulbs grow into mature plants</i> • <i>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</i> 	<ul style="list-style-type: none"> • <i>Know e.g. a rose bush, a sunflower and a dandelion by sight</i> • <i>Know e.g. an oak tree, a birch tree and a horse chestnut tree by sight</i> • <i>Know that evergreen trees maintain their leaves throughout the year and that deciduous trees shed their leaves in autumn</i> • <i>Know that a flowering plants consist of roots, stem, leaves and flowers, and that a tree's stem is called a trunk</i> • <i>Know that seeds and bulbs need to be buried underground in soil and that they will grow into adult plants under the right conditions (water, warmth)</i> • <i>Know that plants that are deprived of light, food or air will not grow and will die.</i> • <i>Know that seeds and bulbs grow into mature plants which reproduce.</i> 	<ul style="list-style-type: none"> • <i>energy,</i> • <i>habitat,</i> • <i>nutrients,</i> • <i>energy,</i> • <i>growth,</i> • <i>deciduous,</i> • <i>evergreen,</i> • <i>flower,</i> • <i>plant,</i> • <i>tree,</i> • <i>structure,</i> • <i>roots,</i> • <i>stem,</i> 	<ul style="list-style-type: none"> • <i>leaf,</i> • <i>trunk,</i> • <i>reproduction,</i> • <i>adult,</i> • <i>bulb,</i> • <i>seed,</i> • <i>survival,</i> • <i>temperature,</i>

Session	Focus	Vocab
1	<i>Recap living things... Introduce plant topic. Assessment – what do the children already know about plants?</i>	
2,3	<i>Growing seeds and bulbs</i>	<i>Bulb Seed</i>
4,5	<i>Conditions to grow</i>	<i>Survival Energy Nutrients Habitat Temperature</i>
6	<i>Mature plants</i>	<i>Adult Reproduction Flower Seed</i>
7	<i>Identifying plants – sorting into groups...</i>	<i>Deciduous Evergreen</i>

8	Deciduous and evergreen	Deciduous and evergreen
9	Identifying trees	Deciduous and evergreen
10	Identifying flowers	Flower
11	Parts of a plant	Stem Leaves Roots Trunk Bulb
12	Assessment	