

Plants Progression map Year 2

<u>Previous Year: Year 1</u>	<u>Current Year: Year 2</u>	<u>Next Year: Year 3</u>
<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. 	<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. 	<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 for life 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 is transported within plants. Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

<p>Physical education links:</p> <p style="text-align: center;">-</p>	<p><u>Learning Values:</u></p> <ul style="list-style-type: none"> - respect - responsible - resourceful - resilient - risk taker 	<p style="text-align: center;"><u>How can the learning be applied?</u></p> <ul style="list-style-type: none"> Make close observations of seeds and bulbs. Classify seeds and bulbs. Research and plan when and how to plant a range of seeds and bulbs. Look after the plants as they grow – weeding, thinning, watering etc. Make close observations and measurements of their plants growing from seeds and bulbs. Make comparisons between plants as they grow. 	<p style="text-align: center;"><u>Key learning for the topic:</u></p> <p>Plants may grow from either seeds or bulbs. These then germinate and grow into seedlings which then continue to grow into mature plants. These mature plants may have flowers which then develop into seeds, berries, fruits etc. Seeds and bulbs need to be planted outside at particular times of year and they will germinate and grow at different rates. Some plants are better suited to growing in full sun and some grow better in partial or full shade. Plants also need different amounts of water and space to grow well and stay healthy.</p>
<p style="text-align: center;"><u>Possible stimulus to teach:</u></p> <ul style="list-style-type: none"> The Tree Lady: The True Story of How One Tree-Loving Woman Changed a City by H Joseph Hopkins It Starts With a Seed by Laura Knowles & Jennie Webber The Keeper of Wild Words by Brooke Smith & Madeline Kløpper Mrs. Noah's Garden by Jackie Morris & James Mayhew 			