

Year3				
<i>Topic</i>	<i>Prior Learning</i>	<i>Present learning</i>	<i>Misconceptions</i>	<i>Future learning</i>
<p>Plants <u>National Curriculum</u></p> <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. 	<ul style="list-style-type: none"> Observe and describe how seeds and bulbs grow into mature plants. (Y2 - Plants) Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. (Y2 - Plants) 	<p><u>Knowledge and Understanding-</u></p> <ul style="list-style-type: none"> -Identify and describe the functions of different parts of a flowering plant: roots, stem, leaves, trunk and flowers -Explore the part flowers play in a flowering plant - Explore pollination, seed formation and seed dispersal <p><u>Investigations:-</u></p> <ul style="list-style-type: none"> plan a fair test to investigate what plants need in order to grow. - investigate the way in which water is transported in plants -plan a fair test to find which seed will travel the furthest <p><u>Vocabulary:</u> dispersal nourish flower transportation chlorophyll pollination anchor</p>	<p>Some children may think:</p> <ul style="list-style-type: none"> plants eat food food comes from the soil via the roots flowers are merely decorative rather than a vital part of the life cycle in reproduction plants only need sunlight to keep them warm roots suck in water which is then sucked up the stem. 	<ul style="list-style-type: none"> Describe the life process of reproduction in some plants and animals. (Y5 - Living things and their habitats)