

Science



<p>Key Stage1</p> <p>Year A</p> <p>AUTUMN/SPRING /SUMMER TERMS</p>	<p>Big Picture: Plants - planting seeds/bulbs, requirements for plant germination, caring/monitoring plant growth</p>			<p>Resources</p>
<p>Read and spell vocabulary:</p> <p>Scientific vocabulary: observe, describe, compare, similar, different, differences, patterns, gather, identify,</p> <p>Topic specific vocabulary: As for year 1 plus - light, shade, sun, warm, cool, water, grow, healthy, warmth,</p>				<p>Wellies Seeds Bulbs Trowel</p>
<p>Science skills Developed through:</p> <ul style="list-style-type: none"> asking simple questions and recognising that they can be answered in different ways observing closely, using simple equipment performing simple tests identifying and classifying using their observations and ideas to suggest answers to questions gathering and recording data to help in answering questions. 	<p>What we want children to know:</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 a suitable temperature to grow and stay healthy. 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 the 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>Science skills to be developed:</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>Possible evidence:</p> <p>Shows understanding of a concept using scientific vocabulary correctly</p> <ul style="list-style-type: none"> Describe how plants that they have grown from seeds and bulbs have developed over time Identify plants that grew well in different conditions Explain that seeds and bulbs need water to grow but most do not need light; seeds and bulbs have a store of food inside them <p>Applying knowledge in familiar related contexts, including a range of enquiries:</p> <ul style="list-style-type: none"> Can spot similarities and difference between bulbs and seeds Can nurture seeds and bulbs into mature plants identifying the different requirements of different plants Can set up a comparative test to show that plants need light and water to stay healthy. 	

Science

