

Topic	Plants
Pre-school	Talk about some of the things they have observed such as plants, animals, natural and found objects. Comment and ask questions about aspects of their familiar world such as the place where they live or the natural world. Develop an understanding of growth, decay and changes over time.
Reception	They make observations of animals and plants and explain why some things occur, and talk about changes.
Year 1	<ul style="list-style-type: none"> • Can they name the petals, stem, leaf, bulb, flower, seed, stem and root of a plant? • Can they identify and name a range of common plants and trees? • Can they recognise deciduous and evergreen trees? • Can they name the trunk, branches and root of a tree? • Can they describe the parts of a plant (roots, stem, leaves, flowers)? Challenge <ul style="list-style-type: none"> • Can they name the main parts of a flowering plant?
Year 2	<ul style="list-style-type: none"> • Can they describe what plants need to survive? • Can they observe and describe how seeds and bulbs grow into mature plants? • Can they find out & describe how plants need water, light and a suitable temperature to grow and stay healthy? Challenge <ul style="list-style-type: none"> • Can they describe what plants need to survive and link it to where they are found? • Can they explain that plants grow and reproduce in different ways?
Year 3	<ul style="list-style-type: none"> • Can they identify and describe the functions of different parts of flowering plants? (roots, stem/trunk, leaves and flowers)? • Can they explore the requirement of plants for life and growth (air, light, water, nutrients from soil, and room to grow)? • Can they explain how they vary from plant to plant? • Can they investigate the way in which water is transported within plants? • Can they explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal? Challenge <ul style="list-style-type: none"> • Can they classify a range of common plants according to many criteria (environment found, size, climate required, etc.)?
Year 4	
Year 5	
Year 6	