



Wordsworth Science Curriculum

| KS1/2 Plants | | |
|--|---|--|
| Year 1 Summer 1 | Year 2 Summer 1 | Year 3 Summer 2 |
| <ul style="list-style-type: none"> To observe how parts of a plant work e.g. the stem carries water (using food dye and magnifying glasses to compare how water travels in a leaf compared to a human body) To observe the growth of flowers and vegetables that they have planted and use mathematical skills to measure the growth. | <ul style="list-style-type: none"> Investigate by performing a simple test to show what plants need to stay healthy. Observe closely how seeds and bulbs grow into mature plants | <ul style="list-style-type: none"> Investigate, understanding how to carry out a fair test, what plants need for life and growth Take accurate measurements using standard units Record findings through labelled diagrams, tables and bar charts Observe plant growth by making systematic and careful observations Draw simple conclusions using results |
| <ul style="list-style-type: none"> Name a variety of common wild and garden plants, including deciduous and evergreen trees. Outside Name and describe the basic structure of a variety of common flowering plants, including trees and to know that plants grow from a seed. Outside Use basic knowledge of what a plant needs to grow to nurture and grow their own plant. Outside | <ul style="list-style-type: none"> To name a variety of unusual plants that grow in different habitats (Mexican rainforest, the Arctic). Describe how seeds and bulbs grow into mature plants and what can hinder this growth. Outside To describe in detail how plants need water, light and suitable temperature to grow and stay healthy and recognise how different plants adapt for different habitats. | <ul style="list-style-type: none"> Identify and describe functions of different parts of flowering plants (roots, stem/trunk, leaves and flowers) identify Outside Know the requirements of plants for life and growth (air, light, water, nutrients from soil and room to grow) and they vary from plant to plant Describe how water is transported within plants Describe the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal – look out for opportunities for this to be outdoors. |