

St John & St James' C of E Primary School

Science Gardening Strand Overview



This overview outlines the expected gardening strand for each year group, aligned with their science curriculum.

Every class delivers one unit per year with hands-on, enquiry-based gardening activities to support biological science and environmental awareness.

Year Group/ Term	Science Unit	Gardening Focus	Scientific Enquiry Type	Suitable Plant Types
Year 1 – Summer 2	Plants	Identify and label common plants; care for seeds and bulbs	Identifying & Classifying; Observation Over Time	Common wild/garden plants; sunflower seeds, Mung beans
Year 2 – Autumn 2	Plants	Plant bulbs and track growth over time; compare wild and garden plants	Observation Over Time; Pattern Seeking	Tulips, daffodils; flowering bulbs, cress seeds, non-flowering plant
Year 3 – Summer 1	Plants	Investigate water transport in stems; set up fair tests with soil/water/light	Comparative Testing; Observation Over Time	Celery, white carnations or roses, cress seeds, flowering plants
Year 4 – Summer 2	Living Things and Their Habitats	Compare flowering and non-flowering plants in the local environment	Identifying & Classifying; Research	Ferns, mosses, flowering plants, indoor plants
Year 5 – Autumn 1	Living Things and Their Habitats	Dissect flowering plants; propagate basil/spider plants from cuttings	Observation Over Time; Comparative Testing	Basil or spider plant cuttings; lilies, tulips, daisies
Year 6 – Summer 2	Living Things and Their Habitats	Classify plants in local habitats; analyse plant health and growing conditions	Observation Over Time; Identifying & Classifying	Conifers, moss, ferns, flowering plants