

St Wilfrid's Catholic Primary School – September 2023 Curriculum

SCIENCE EYFS & KS1

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS (Half-termly themes)	Autumn Exploring natural world around them, seasonal changes		Space Different environments	Living things Spring/ Minibeasts Lifecycles Animal + plant observations Chick/caterpillar-butterfly observations Seasonal changes		Pirates/ Sea sides Environment-similarities/differences Materials: Floating and sinking
EYFS (weekly themes, also fits in with chn's interests)	<ul style="list-style-type: none"> Plant seeds and care for growing plants Key features of a life cycle of plants/animals Explore and talk about different forces they feel Explore the natural world around them, make observations and draw pictures of animals and plants. Describe what they see, hear and feel whilst outside. Recognise some environments that are different to the one in which they live. Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Understand some important processes and changes in the natural world around them, including the seasons & changing states of matter. 					
Year 1	The Weather – across the year, Year 1 will observe changes across the four seasons through observations of nature and weather patterns					
	Everyday materials (develop vocabulary to describe and name materials)	Plants (name plants including trees, describe the structure of flowering plants)	Animals, including humans (name animal kingdoms and compare structure of different animals, name some carnivores, herbivores and omnivores, human body parts and senses)	Everyday materials (compare and group materials based off their physical properties)	Plants (plant seeds & bulbs & observe growth. Study flowers & trees in the wild & cultivated areas making sketches & notes)	
Year 2	Living things and their habitats (identify living, dead and never alive things, food chains)	Habitats (familiar and unfamiliar habitats including microhabitats)	Animals, including humans (animal and human needs including diet, exercise and hygiene)	Plants (grow plants from seeds and bulbs, monitor them & know what plants need to grow)	Animals, including humans (animal and human life stages)	Uses of everyday materials (suitability of materials for particular uses, changing solid objects by squashing, bending, twisting and stretching)
SCIENCE KS2						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Animals, including humans (how animals get nutrition, skeletons and muscles and their functions)	Plants (function of parts of flowering plants, requirements for growth, water transportation)	Rocks, soils and fossils (compare and group rocks, fossil formation, soil composition)	Forces and magnets (difference between contact forces and magnetic force, investigate magnets and their properties)	Light (light and dark, reflections, the sun, investigating shadows)	
Year 4	Animals, including humans (digestive system, human teeth and their functions, food chains)	Sound (how sounds are made and travel, pitch and volume of sounds)	States of matter (solids, liquids and gases, changing states, the water cycle)		Living things and their habitats (grouping living things in a variety of ways, classification keys, changing environments)	Electricity (electrical appliances, make and investigate circuits, open and closed circuits, conductors and insulators)
Year 5	Forces (gravity, friction, air & water resistance, levers, pulleys and gears)	Living things & their habitats (life cycles of mammals, amphibians, insects and birds, reproduction in plants and animals)	Changes of materials	Earth and space (movement of planets in our solar system, movement of our moon, Earth's rotation)	Properties and changes of materials (group materials based on properties, solutions, mixtures, reversible and irreversible changes)	Animals, including humans (changes as humans develop to old age)
Year 6	Light (light and how it travels, shadows)	Living things and their habitats (classification of living things including micro-organisms, plants and animals and reasons for it)	Animals, including humans (circulatory system and functions, impact of diet, exercise, drugs and lifestyle, nutrient and water transportation)	Evolution and inheritance (changes in living things over time, offspring, adaptations of plants and animals leading to evolution)	Electricity (investigate the effect changing voltage has on a circuit, function of electrical components, circuit symbols in a diagram)	