



St. Anthony's Catholic Primary School



Whole School Overview

Science

2024 - 2025

EYFS

Strands		
biology	chemistry	physics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Marvellous Me Introduction to the body and senses; healthy choices regarding food; exercise/activity and brushing teeth.	The Gruffalo Use the senses to explore the forest. Explore signs of autumn.	Traditional Tales Plant seeds and understanding growth Explore signs of spring.	Amazing Animals Understand the lifecycle of a chick	Superheroes Experience of planting seeds and caring for plants.	Going on holiday Explore the season of summer. Use the senses to explore the beach.
Reception	Seasonal changes covered across the year Name the 4 seasons and identify some of the differences between them, name our planet and knows it travels around the sun, identify different weathers, festivals					
	All about Me Explore health, including healthy eating and toothbrushing.	Sparkly Season Exploring energy and changes of state, e.g. water to ice, fire to heat.	Traditional Tales Explore planting and growing cress seeds, and other plants we can eat.	It's a Bug's Life Explore mini-beasts and the life-cycle of a butterfly	Transport Explore forces, such as push and pull.	Travel to India Explore world weather patterns.

Let your words teach and your actions speak



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KS1 & KS2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Materials Name materials & properties	Seasonal Changes Autumn and Winter	Forest School	Animals Including Humans Name & know the different types of animals; carnivores, herbivores & omnivores	Seasonal Changes Spring and Summer	Plants Identify & compare garden plants, wild plants & trees
Year 2	Animals Including Humans Nutrition and life cycles	Forest School	Materials Suitability & changing shape	Plants Seeds, bulbs, growing conditions, & observe plant growth	Living Things and Their Habitats Dead/living/once alive, My habitat, habitats, micro-habitats & who loves here & why?, food chains	
Year 3	Animals Including Humans Nutrition and musculoskeletal skeleton	Forces and Magnets How things move on a material, different forces, friction, sorting materials, magnets (repel & attract)	Materials Properties of rocks, soils & formation of fossils	Forest School	Plants Life, growth, functions & life cycles, water transports, pollination & seed dispersal	Light Light & dark, shadows, reflections & dangers of the sun
Year 4	Forest School	Electricity Simple circuits, switches, conductors & insulators, & safety	Materials States of matter; Group materials, state changes, evaporation & condensation, solids, liquids & gases	Living Things and Their Habitats Classification in local area, wider environment & environmental change	Animals Including Humans Teeth and digestion, producers, prey, predators, food chains	Sound Sources, sound waves, Fainter sounds, further away, vibrations, pitch & volume
Year 5	Forces gravity, air resistance, friction, levers, pulleys & gears	Earth and Space Sun, Earth & Moon, the planets	Animals Including Humans Changes in humans as they grow	Materials Properties and changes; dissolving & evaporating, reversible & irreversible	Forest School	Living Things and Their Habitats Reproduction and life cycles
Year 6	Animals Including Humans Circulatory System, functions of the heart, blood vessels & blood	Light Light travel, sources & how we see	Evolution and Inheritance Fossils, changes to living things, heredity & adaptation	Living Things and Their Habitats Classification & micro-organisms	Electricity Changes in components, circuit functions, voltage, What affects bulb brightness?	Forest School

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