

Whole school Science Overview

Equality			
Diversity			
Aspirations			
	Autumn	Spring	Summer
Year 1	Animals, including Humans (naming animal and body parts)	Everyday Materials (names and properties of simple materials)	Plants (names and structure) Seasonal changes
Year 2	Uses of everyday materials (suitability and changing shapes of materials)	Living things and their habitats (suitable habitats/simple food chains) Plants (growing conditions for seeds and bulbs)	Animals, including humans (health and growth)
Year 3	Rocks (simple properties, fossils, soils) Light (dark is the absence of light, shadows)	Forces and Magnets (friction-how things move on different surfaces/magnets)	Plants (functions of parts and life cycles) Animals including humans (skeletons)
Year 4	Animals including humans (teeth, eating and digestion) Living things and their habitats (grouping and simple classifying/changes to habitats can pose dangers)	States of matter (solids, liquids, gases, heating and cooling, water cycle) Sound (fainter sounds further away, vibrations, pitch and volume)	Electricity (simple circuit, switches, conductors and insulators)
Year 5	Properties and changes (more properties including thermal and electrical conductivity, mixing and separating, reversible and irreversible)	Living things and their habitats (life cycles, reproduction) Animals including humans (changes in humans as they grow)	Earth and Space (other planets) Forces (Gravity, friction, air resistance, levers, pulleys and gears.)
Year 6	Light (Travels in straight lines, how we see things) Electricity (what effects bulb brightness, buzzer volume, voltage, symbols)	Evolution and inheritance (more about fossils, adaptation) Animals including humans (circulatory system, functions of the heart, blood vessels and blood, health, water transport in animals)	Living things and their habitats (classifying including micro-organisms)