



Science Curriculum Overview Whole School

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Values	Independence	Cooperation	Responsibility	Respect	Resilience	Ambition
EYFS	Effective provision areas to support understanding of the world as well as planned activities also help children to understand the natural world including some important processes and changes around them such as the seasons or changing states.					
Year 1	Seasonal Changes Light (Sources & exploration)	Animals Including Humans (Naming animals and body parts) JANE GOODALL	Everyday Materials BECKY SCHROEDER	Seasonal Changes Forces (Exploration)	Plants (Names & structures of plants)	Seasonal Changes
Year 2	Uses of Everyday Materials (props incl. phys. changes squash etc) CHARLES MACINTOSH	Sound (Sources & exploration) Seasonal Change (Y1 reinforcement)	Plants (Conditions for growing)	Animals Including Humans RAJ SINGH (Health & growth) Seasonal Change (Y1 reinforcement)	Living Things & Their Habitats (Suitable habitats & simple food chains)	Seasonal Change (Y1 reinforcement)
Year 3	Forces & Magnets (Magnets, friction)	Light (Need to see, darkness, reflection, dangers, shadows) PATRICIA BATH	Animals Including Humans (Skeletons & muscles)	Rocks (Rocks & fossil formation) MARY ANNING	Plants (Requirements for growth, function of parts & life cycle)	
Year 4	Living Things & Their Habitats (Grouping, classifying, changes to habitats, benefits & dangers)	Electricity THOMAS EDISON	Sound (Vibrations & volume)	Animals Including Humans (Health: teeth, eating & digestion)	States of Matter JAMES GARCIA	
Year 5	Earth & Space TIM PEAK MAGGIE ADERIN POCOCK	Forces (Gravity, friction, air resistance, levers, pulleys, gears) ISAAC NEWTON	Properties of Materials	Light (Appears to travel in straight lines)	Plants (Life process of reproduction in plants)	Animals Including Humans (Changes in humans as they grow, life cycles & reproduction in animals)
Year 6	Changes of Materials & Separation	Living Things and Their Habitats (Classifying, micro-organisms, plant adaption)	Evolution & Inheritance CHARLES DARWIN	Sound (Y4 reinforcement & pitch)	Electricity	Animals Including Humans (Health & circulation) HALE WILLIAMS