



SCIENCE LONG TERM OVERVIEW 2025-2026



	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
NURSERY	-Body parts -Exploring the natural environment	-Exploring the natural environment -Space Week	Winter: colour mixing on ice blocks and observing ice and how it changes	Materials: exploring materials linked to the Three Little Pigs	Summer- observing the seasonal changes and talking about the differences they notice.	
RECEPTION	Elmer: exploring colour and colour mixing/changing experiment Space Week: Astro Girl – launch a rocket into in space Changes over time – Autumn		Changes over time – seasons and winter Weather in different countries and warmer climates	British Science Week ‘Curiosity- what’s your question?’ Planting bulbs- exploring order of seasons and change.	Life cycles – recap those learnt about and study butterflies	My Ocean is Blue – ocean in a bottle Floating/sinking – making boats
YEAR 1	Human body including senses (human body and senses) The four seasons (Name the seasons)	Everyday materials (properties of materials and grouping) (and seasonal changes)	Animals including humans (common animals) (and seasonal changes)	Plants (common plants and plant structure)	Seasonal weather (the type of weather in each season)	Consolidation
Working Scientifically ongoing throughout the year						
YEAR 2	Animals including humans Life cycles (Humans) (animal reproduction) Exercise, diet and hygiene (healthy living and basic needs)	Suitability of materials (identify different materials, name everyday materials and properties)	Changing materials (compare different materials)	Habitats, food chains and life cycles (alive or dead, habitats, adaptations, food chains)	Plants and their life cycles (plant and seed growth, plant reproduction and keeping plants healthy)	
Working Scientifically ongoing throughout the year						
YEAR 3	Rocks and fossils (Fossil formation)	Magnets and simple forces (different forces)	Animals including humans (nutrition, exercise and health)	Plants (basic structure and functions, life cycle, water transportation, plant life)	Light (introduction to reflection)	Shadows
Working Scientifically ongoing throughout the year						
YEAR 4	States of matter (compare and group materials, solids, liquids and gases, changing state)	Sound (how sounds are made, sound vibrations, pitch and volume)	Electricity (uses of electricity, simple circuits and switches, conductors and insulators)	Living things and their habitats (classification keys, grouping living things and adaptation)	Animals including humans (digestive system and teeth)	Consolidation
Working Scientifically ongoing throughout the year						
YEAR 5	Forces (gravity, friction, forces and motion of mechanical devices)	Animals including humans (changes as humans develop from birth to old age)	Earth and Space (movement of the Earth and the planets, movement of the moon, night and day)	Living things and their habitats (life cycles- plants and animals, reproductive processes)	Properties and changes of materials (compare everyday materials, solubility, reversible/irreversible)	
Working Scientifically ongoing throughout the year						
YEAR 6	Animals including humans (circulatory system, water transportation, impact of exercise on body)	Electricity and safety (Electrical components, simple circuits, fuses and voltages)	Living things and their habitats (classification of living things and reasons for it)	Evolution and inheritance (Fossil evidence and evolution)	Light (how light travels, reflection, ray models of light)	Consolidation and transition to KS3
Working Scientifically ongoing throughout the year						