Smithdown Primary School 2025-2026

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Sum 2
EYFS	Working Scientifically through the year	**Please refer to Summary of Science in EYFS PLAN Documents for a summary of science in EYFS**					Left blank for over running/ child initiated science
		30 – 50 months	Physical development Understanding the world Expressive art and design	• To observe the effects of physical activity on their bodies. • To comment and ask questions about aspects of their familiar world, such as the place where they live or the natural world. • To talk about some of the things they have observed, such as plants, animals, natural and found objects. • To talk about why things happen and how things work. • To develop an understanding of growth, decay and changes over time. • To show care and concern for living things and the environment. • To begin to be interested in and describe the texture of things.			
		40 – 60 months	Physical development Understanding the world	• To eat a healthy range of foodstuffs and understand a need for variety in food. • To show some understanding that good practices with regard to exercise, eating, sleeping and hygiene can contribute to good health. • • To look closely at similarities, differences, patterns and change.			
		ELG	Physical development Understanding the world	• To know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe. • •To know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another.			
Year 1		Begin Seasonal Changes (ongoing every term - changes and weather) Animals, including Humans (naming animal and body parts)		Everyday Materials (names and properties of simple materials)	Plants (names and Structure)		

Year 2		Living things and their habitats (suitable habitats/simple food chains)		Animals, including humans (health and growth)	Plants (growing conditions for seeds and bulbs)	Use of everyday materials (suitability and changing shapes of materials)	
Year 3		Forces and Magnets (friction-how things move on different surfaces/magnets)	Rocks (simple properties, fossils, soils)	Animals including humans (skeletons)	Light (dark is the absence of light, shadows)	Plants (functions of parts and life cycles)	
Year 4		Sound (fainter sounds further away, vibrations, pitch and volume)	Electricity (simple circuit, switches, conductors and insulators)	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)	
Year 5		Living things and their habitats (life cycles, reproduction)	Animals including humans (changes in humans as the grow)	Earth and Space (other planets)	Forces (gravity, friction, air-resistance, levers, pulleys and gears.)	Properties and changes (more properties including thermal and electrical conductivity , missing and separating, reversible and irreversible.)	
Year 6		Evolution and inheritance (more about fossils, adaptation)	Electricity (what effects bulb brightness, buzzer volume, voltage, symbols)	Animals including humans (circulatory system, functions of the heart, blood vessels and blood, health, water transport in animals)	Light (Travels in straight lines, how we see things)	Living things and their habitats (classifying including microorganisms)	

Red – Physics
Green – Biology
Blue - Chemistry