SCIENCE – LONG TERM CURRICULUM PLAN

Updated April 2024

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS Daily weather floor book and discussion	Explore changes in state Make porridge	Seasonal changes Autumn to winter	Making comparisons between different countries Ice investigation - explore Antarctica	Seasonal Changes Spring	Dinosaurs Herbivores and carnivores	Living things Minibeasts and life cycles (What plants and animals need to survive)
Year 1 Also cover seasonal changes daily activity	Materials Naming materials	Animals including humans classification	Materials Investigating properties	Plants and trees	Animals including humans Structure of animals	Animals including humans Naming human body parts
Year 2 Also cover seasonal changes and weather daily activity. Compare Billericay and Pretoria	Materials Suitability, fitness for purpose	Living things Food chains	Living things Plants, dead, alive, never been alive	Materials Twisting, bending stretching (investigations)	Living things Habitats and microhabitats	Animals including humans Body changes, eating healthily, basic needs
Year 3	Light, Sound Earth and Space – reflections and shadows	Animals including humans- skeletons, muscles, nutrition	Forces, Electricity and magnets Magnets and friction	Materials and their Properties Rocks	Living Things and their habitats Plants	
Year 4	Materials and States of Matter Solids, liquids and gases	Forces, Electricity and Magnets Making circuits	Light, Sound Earth and Space – How sounds are made	Living things and their habitats Classification	Animals including humans Teeth and digestion, food chains	
Year 5	Forces, Electricity and Magnets Forces		Materials and States of Matter Properties of materials	Light, Sound Earth and Space Space	Living things and their habitats Life cycles	Animals including humans Changes in humans as they grow/gestation
Year 6	Animals including humans- Circulatory system-	Living things and their and habitats-classifying animals and plants including microbes	Evolution and inheritance How adaptations can lead to survival	Forces, Electricity and Magnets Focus on brighter bulbs/louder buzzers dependent on voltage	Light, Sound Earth and Space How the eye works	Revision, consolidation, wider interests, investigations