			Science Long term overview 2024/25			
2	EYFS		EYFS		EYFS	
1	Autumn Term		Spring Term		Summer Term	
Y1	Animals including Humans Parts of the human body Features of animals from different groups		Materials Object or material Properties of materials Everyday materials		Living Things and their Habitats and Seasonal Changes Seasonal changes Group animals according to what they eat	
Y2	Animals including Humans Parts of the human body Exercise, diet and hygiene Survival Changes from young to old Alive or dead		Materials Object or Material? Properties of materials Everyday materials and sustainability	Plants What a plant needs to survive Seeds and bulbs	Living Things and their Habitats and Seasonal Changes Naming plants and animals Different habitats How animals get their food Simple food chains	
Y3	Animals including Humans Animal and plant nutrition Eating and its importance Skeletal and Muscular system	Forces Magnets Magnetic materials Attracting and Repelling	Rocks, Fossils and Soils Rocks (appearance and properties) How are fossils formed What is in soil	Light We need light to see Reflection of light Protecting from the sun's rays Shadows	Living Things and their Habitats and Seasonal Changes Parts of a flowering plant What do plants need? Transportation of water in plants Life cycle of a flowering plant	
Y4	Electricity Appliances Electrical circuit components and symbols Closed & open circuits Conductors and insulators	Forces Magnets Magnetic materials Attracting and Repelling	Light We need light to see Reflection of light Protecting from the sun's rays Shadows	Rocks, Fossils and Soils Rocks (appearance and properties) How are fossils formed What is in soil	Living Things and their Habitats and Seasonal Changes Parts of a flowering plant What do plants need? Transportation of water in plants Life cycle of a flowering plant	

UKS 2A	The Earth and Space The Solar System Sun, Earth, and Moon Movement of planets and other relative bodies Impact of Earth's rotation and tilt	Forces Gravity Air resistance, water resistance, and friction Levers, pulleys, and gears	Living Things and their Habitats Classification of living things based on observable characteristics	Properties and Changes of Materials Comparing and grouping everyday materials Solutions Separating mixtures using filtering, sieving and evaporation Reversible and irreversible changes
UKS 2B	Animals including Humans Human circulatory system Diet & Exercise Drugs and alcohol Transportation of nutrition in pants and animals	Evolution and Inheritance How living things have changed over time Offspring and variation Adaptation Evolution	Light How light travels How we see What causes shadows?	Electricity Voltage in a circuit What causes variations in a circuit? Circuit symbols and Diagrams