

2023 – 2024 Science Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS Understanding the World	All about Me Body parts Senses similarities and differences Classification	Space The solar system Life on other planets Space travel and careers	Superheroes Science Week Environment Observations over time (absorption and evaporation)	Life cycles Observe changes across time (tadpoles, caterpillars) Classification and sorting	Traditional Tales Properties of materials (3 pigs, Billy goats bridge, Goldilocks etc) Environment	Travel and transport Environmental impact Labelling vehicles Considering fuel sources
Year 1	EYFS Transition Animals including Humans and Seasonal Change - Observe changes across seasons - Weather and day length - Identify and name animals - Carnivores, herbivores and omnivores		Everyday Materials Identify everyday materials and simple properties Group by properties		Plants and Growth Identify and name plants Basic structures of flowering plants Seasonal Change revisited	
Year 2	Animals Including Humans Note offspring which grow into adults Basic needs of animals - Exercise, healthy eating and hygiene	Uses of Everyday Materials Suitability of materials for particular uses How shapes of solids can be changed		Living things and their Habitats Habitat, including micro-habitats Simple food chains	Plants How seeds and bulbs grow Basic conditions for growth	STEM transition unit
Year 3	Animals Including Humans Nutrition Skeletons and muscles	Forces and magnets How things move on different surfaces Magnetic forces Magnets – poles, attract/repel, magnetic materials	Light Light to see, darkness is absence of light Light is reflected Shadows Light from Sun can be dangerous	Rocks Compare and group on appearance and simple physical properties Fossils Composition of soil	Plants Function of parts of a flowering plant Requirements for growth Water transportation Life cycle of plants	

Year 4	<p>States of Matter</p> <p>Solids, liquids and gases</p> <p>Change of state</p> <p>Water cycle</p>	<p>States of Matter</p> <p>Solids, liquids and gases</p> <p>Change of state</p> <p>Water cycle</p>	<p>Sound -</p> <p>Vibrations</p> <p>Pitch and volume</p>	<p>Electricity</p> <p>Simple series electrical circuits</p> <p>Conductors and insulators</p>	<p>Animals including Humans</p> <p>Digestive system</p> <p>Teeth</p> <p>Food chains</p>	<p>Living things and their Habitat</p> <p>Classifying living things</p> <p>Environmental changes</p>
Year 5	<p>Earth and Space</p> <p>Solar system</p> <p>Movement of Earth and Moon</p>	<p>Forces</p> <p>Gravity</p> <p>Air and water resistance</p> <p>Friction</p> <p>Levers, pulleys and gears</p>	<p>Properties and Changing of Materials</p> <p>Properties of materials</p> <p>Dissolving</p> <p>Separating mixtures</p> <p>Reversible and irreversible changes</p>	<p>Properties and Changing of Materials</p> <p>Properties of materials</p> <p>Dissolving</p> <p>Separating mixtures</p> <p>Reversible and irreversible changes</p>	<p>Living things and their Habitat</p> <p>Animals including Humans</p> <p>Human life cycle</p> <p>Differences in life cycle</p> <p>Reproduction</p>	
Year 6	<p>Animals Including Humans</p> <p>Human circulatory system</p> <p>Impact of diet, exercise, drugs and lifestyle</p> <p>- Transportation of nutrients and water</p>	<p>Electricity</p> <p>Brightness link to cells</p> <p>Functions of components and variations</p> <p>Symbols for circuits</p>	<p>Evolution and inheritance</p> <p>Information from fossils</p> <p>Adaptation</p>	<p>Light</p> <p>The way that light travels</p>	<p>Living things and their Habitats</p> <p>Classification</p>	<p>Year 7 transition</p> <p>STEM links</p>