

## Science Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS</b> Understanding the World	All about Me Body parts Senses similarities and differences Classification	Space The solar system Life on other plants 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
<b>Year 1</b>	EYFS Transition Animals Including Humans - Identify and name animals - Carnivores, herbivores and omnivores  Seasonal Change Observe changes across seasons Weather and day length		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 Observe changes across seasons Weather and day length	
<b>Year 2</b>	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
<b>Year 3</b>	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	
<b>Year 4</b>	States of Matter Solids, liquids and gases Change of state Water cycle		Sound Vibrations Pitch and volume	Electricity Simple series electrical circuits Conductors and insulators	Animals including Humans Digestive system Teeth Food chains	Living things and their Habitat Classifying living things Environment changes
<b>Year 5</b>	Earth and Space Solar system Movement of Earth and Moon	Forces Gravity Air and water resistance Friction Levers, pulleys and gears	Properties and Changing of Materials Properties of materials Dissolving Separating mixtures Reversible and irreversible changes		Living things and their Habitat Differences in life cycle Reproduction	Animals including Humans Human life cycle
<b>Year 6</b>	Animals Including Humans Human circulatory system Impact of diet, exercise, drugs and lifestyle Transportation of nutrients and water	Electricity Brightness link to cells Functions of components and variations Symbols for circuits	Evolution and inheritance Information from fossils Adaptation	Light The way that light travels	Living things and their Habitats Classification	STEM maths and science unit

**Excellence**

**Respect**

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