

Subject Overview 2023-24 - Science

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Ongoing: Communication and Language Physical Development Understanding the World		Ongoing: Communication and Language Physical Development Understanding the World		Ongoing: Communication and Language Physical Development Understanding the World	
Reception	Ongoing: Communication and Language Physical Development Understanding the World		Ongoing: Communication and Language Physical Development Understanding the World		Ongoing: Communication and Language Physical Development Understanding the World	
Year 1	<u>Animals including Humans</u> Mammals, birds and animal groups, carnivores and herbivores)	<u>Seasonal Changes</u> The seasons and changes we see	<u>Materials and their Properties- Everyday Materials</u> Properties of materials and what every day items are made from		<u>Plants</u> Basic structure of a plant	
Year 2	<u>Living things and their Habitats</u> Comparing living and non-living things and begin to recognise different habitats and which animals live where	<u>Materials- Everyday Materials and their uses</u> Suitability of materials for their use and how they can physically change (squashing etc)	<u>Animals including Humans</u> Offspring, life cycles, food/ nutrition and hygiene		<u>Plants</u> How plants grow and what they need, how seeds change	<u>Mammals, Growth and Health</u> Basic needs of animals
Year 3	<u>Animals including Humans</u> Features of an animal, nutrition and skeleton Food chains, predators and prey	<u>Forces and Magnets</u> How items move on different surfaces and magnets (poles, attract, repel)	<u>Rocks</u> Group and classify and recognise properties of different types of rock		<u>Light</u> Why do we need light, shadows, light sources (the sun)	<u>Plants</u> Functions and features of plants, pollination, seed dispersal and the life cycle of plants

Year 4	<u>Living things and their Habitats</u> Classification keys, environment and how environments can change	<u>Animals including Humans</u> Digestive System	<u>Electricity</u> Simple Circuits	<u>Sound</u> How are sounds made?	<u>Sound</u> How do we hear? Alexander Graham Bell	<u>States of Matter</u> Solids, Liquids and Gases, changing states and properties of some materials
Year 5	<u>Properties and changes of Materials</u> Solubility, properties of materials, solids, liquids and gases, sorting materials, reversible and irreversible changes		<u>Earth and Space</u> The Earth, planets, moon and day and night	<u>Living things and their Habitats (Plant focus)</u> Reproduction	<u>Forces and Magnets</u> Gravity, air resistance and the effect of a force	<u>Animals including Humans</u> Changes of internal and external appearance in humans and animals as they go through their life cycle Reproduction of mammals and life cycles
Year 6	<u>Animals including Humans</u> Human heart and circulatory system, impact of diet, drugs and exercise	<u>Inheritance and Evolution</u> Dissolving, mixing and changes of state are reversible changes	<u>Electricity</u> Changing components and the affect it has, use of electrical symbols		<u>Light</u> How light travels, how we see, shadows	<u>Living Things and their Habitats</u> Classification