



Science Curriculum Overview

Science	Term 1	Term 2	Term 3
EYFS	Understanding of the World: <ul style="list-style-type: none"> • Use senses to explore the environment. • Observe the differences and similarities amongst ourselves and others. • Observe how we have changed since we were babies. • Investigate natural phenomena and changes, for example nocturnal animals and changes in weather. 	Understanding of the World: <ul style="list-style-type: none"> • Investigate life cycle of plants and animals. Talk about what living beings need to grow. • Learn about features and properties of various materials when building and constructing. 	Understanding of the World: <ul style="list-style-type: none"> • What to living beings need to help them grow? What changes have we noticed outside-trees and weather-Summer.
Year 1	<ul style="list-style-type: none"> • Seasonal Changes, Plants and Working Scientifically • Seasonal Changes, Everyday Materials and Working Scientifically 	<ul style="list-style-type: none"> • Seasonal Changes, Animals Including Humans and Working Scientifically • Seasonal Changes, Plants and Working Scientifically 	<ul style="list-style-type: none"> • Seasonal Changes and Working Scientifically • Seasonal Changes, Enquiry
Year 2	<ul style="list-style-type: none"> • Everyday Materials • Animals including Humans 	<ul style="list-style-type: none"> • Living Things and Their Habitats • Plants 	<ul style="list-style-type: none"> • Free choice Science project • Enquiry
Year 3	<ul style="list-style-type: none"> • Plants • Animals including humans 	<ul style="list-style-type: none"> • Light • Rocks 	<ul style="list-style-type: none"> • Forces and Magnets • Enquiry
Year 4	<ul style="list-style-type: none"> • Animals, including humans • Sound 	<ul style="list-style-type: none"> • Electricity • Living Things and Habitats 	<ul style="list-style-type: none"> • States of Matter • Enquiry
Year 5	<ul style="list-style-type: none"> • Living Things and Their Habitats • Properties and Changing Materials 	<ul style="list-style-type: none"> • Forces • Earth and Space 	<ul style="list-style-type: none"> • Animals including humans • Enquiry
Year 6	<ul style="list-style-type: none"> • Evolution and Inheritance • All Living Things 	<ul style="list-style-type: none"> • Animals including humans – the circulatory system • Electricity 	<ul style="list-style-type: none"> • Enquiry • Light
Year 7			

Year 8	<ul style="list-style-type: none"> • Earth and Atmosphere • Chemical reactions • Electricity and Magnetism • Ecosystem processes • Metals and acids • Waves • Health and life style • Separation techniques • Structure and function of the body systems 		
Year 9	<ul style="list-style-type: none"> • Key concepts in Biology • Cells and Control • Genetics • Natural Selection and Genetic Modification • Health and Disease and the development of medicines • Atomic structure • Periodic table • Radiation • Solar System • Electromagnetism 		
Year 10	<p>Combined science:</p> <ul style="list-style-type: none"> • Review of Cells and Control • Health and Disease and the development of medicines • Photosynthesis and Respiration • Cell division • Organisation and digestive system • Atomic structure • Periodic table • Structure and bonding 		

	<ul style="list-style-type: none"> • Chemical changes • Electrolysis • Calculations involving masses • Chemical change • Conservation of Energy • Electric circuits • Molecules and Matter • Radioactivity <p>Triple Science:</p>		
Year 11	<ul style="list-style-type: none"> • The human nervous system • Hormonal control in humans and plants • Reproduction • Genetics and evolution • Adaptation and Interdependence • Ecosystem • Rates of reaction • Crude oil and fuels • Organic Chemistry • Chemical Analysis • Polymers • The Earth resources • Using our resources • Motion and Forces • Forces and pressure • Wave properties • Light • Electromagnetic waves • Electromagnetism • Space Physics 		