



SIR GRAHAM BALFOUR SCHOOL



CURRICULUM OVERVIEW – KEY STAGE 3 SCIENCES

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	<p>Working Scientifically</p> <p>Chemistry: Matter Particle model and separating mixtures</p> <p>Physics: Forces Speed and Gravity</p>		<p>Chemistry: Reactions Metals and non-metals and Acids and Alkalis</p> <p>Physics: Electromagnets Voltage, current and resistance</p>		<p>Biology: Organisms Movement and cells</p> <p>Physics: Energy Energy costs and Energy transfer</p> <p>Ecosystems Interdependence and plant reproduction</p>	
Year 8	<p>Biology: Genes Variation and Human reproduction</p> <p>Chemistry: Earth Earth structure and the universe</p>		<p>Physics: Waves Sound and light</p> <p>Biology: Genes Evolution and Inheritance</p> <p>Physics: Energy Work and Heating and Cooling</p>		<p>Physics: Forces Contact forces and pressure</p> <p>Chemistry: Matter Periodic table and elements</p>	
Year 9	<p>Biology - Organisms Breathing and Digestion Forces</p>		<p>Biology – Ecosystems Respiration and photosynthesis</p>		<p>Fundamentals of biology including revision of Key Stage 3 topics</p>	
	<p>Chemistry – Earth Climate and Earth resources</p>		<p>Chemistry – Reactions Chemical energy and types of reactions</p>		<p>Fundamentals of chemistry including revision of Key Stage 3 topics</p>	
	<p>Physics – Waves Wave effects and properties</p>		<p>Physics – Electromagnets Magnetism and electromagnetism</p>		<p>Fundamentals of physics including revision of Key Stage 3 topics</p>	