

## KS4 Curriculum Plan

### **Subject:** Combined Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 10</b>	<p>Health and Disease</p> <p>Bonding</p> <p>Application of Force</p> <p>Energy</p>	<p>Biology Key Concepts.</p> <p>Plant Structure.</p> <p>Groups in the Periodic Table</p>	<p>Acids and Alkali</p> <p>Cells and Control</p> <p>Application of energy.</p> <p>Particle Model</p> <p>Forces and Matter</p>	<p>Types of substances.</p> <p>Key Concepts in Biology continued.</p> <p>Methods of separating and purifying substances.</p>	<p>Obtaining and using metals</p> <p>Generating electricity.</p> <p>Genetics.</p> <p>Earth's Atmosphere.</p>	<p>Ecosystems and Material cycles</p> <p>Rates of reaction</p> <p>Recap of CC5-7 (Calculations using Moles)</p>
<b>Year 11</b>	<p>Electricity and Circuits</p> <p>Magnetism and Motor Effect</p> <p>Evolution</p> <p>Using Waves</p>	<p>EM Spectrum</p> <p>Particles, Calculating Forces and Matter</p> <p>Exchange and Transport in Animals</p>	<p>Radioactivity</p> <p>Hydrocarbons</p> <p>Waves</p>	<p>Applications of waves.</p> <p>Animal Coordination, Control and Homeostasis</p>	<p>Plant Adaptations</p>	<p>Retrieval and revision.</p>

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