



<b>Year 8 Science 2018-19</b>	
<b>Term</b>	<b>Curriculum Outline</b>
<b>Autumn 1</b>	<p style="text-align: center;"><b>Health and safety in the Science lab</b></p> <p><b>Biology:</b> Organisation; gas exchange system; Tissues and organs; Digestive system.</p> <p><b>Chemistry:</b> Elements and compounds; Atoms; Simple and giant structures Melting and boiling points; Symbols and formulae</p>
<b>Autumn 2</b>	<p style="text-align: center;"><b>Physics:</b> Speed; Distance –time graphs</p> <p><b>Biology:</b> Respiration; Aerobic respiration; Anaerobic respiration; Fermentation</p>
<b>Spring 1</b>	<p><b>Chemistry:</b> Chemical reactions; chemical changes; Reactants and products</p> <p><b>Physics:</b> Magnetism; magnetic fields; Earth’s magnetic field; Field around a wire</p>
<b>Spring 2</b>	<p><b>Biology:</b> Evolution; Variation; Natural selection; Evolution; Selective breeding</p> <p><b>Chemistry:</b> Rocks; Structure of the Earth; Rock types; Rock cycle</p>
<b>Summer 1</b>	<p><b>Physics:</b> Voltage and resistance; Potential difference; Series and parallel circuits; Resistance.</p> <p style="text-align: center;">Light; Reflection; Ray model; Transmission and absorption</p> <p style="text-align: center;"><b>Revision</b></p> <p style="text-align: center;"><b>End of Year Test</b></p>
<b>Summer 2</b>	<p><b>Analysis and reflection;</b> Re-visit areas of misconception and re-teach</p>