

Curriculum Overview – **Science Year 9**

Year	Term	Units of Work	Assessment
9	1	<p>Biology</p> <ul style="list-style-type: none"> <li>• Cells</li> <li>• Mitosis</li> <li>• Stem cells</li> <li>• Diffusion</li> <li>• Separate Science – culturing microorganisms</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• Atoms and the Periodic Table</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• Energy</li> </ul>	<p>Biology</p> <ul style="list-style-type: none"> <li>• Key task focusing on topics shown</li> <li>• Key assessment covering topics shown</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• Key task focusing on Atoms and the Periodic Table</li> <li>• Key assessment covering Atoms and the Periodic Table and The use of Graphs</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• Key task focusing on Energy</li> <li>• Key assessment covering Energy</li> </ul>
	2	<p>Biology</p> <ul style="list-style-type: none"> <li>• Osmosis</li> <li>• Active transport</li> <li>• Digestion</li> <li>• Heart</li> <li>• Lungs</li> <li>• Blood</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• Rates of reaction</li> <li>• Acids, Alkalis and Salts</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• The Particle Model</li> </ul>	<p>Biology</p> <ul style="list-style-type: none"> <li>• Key task focusing on topics shown</li> <li>• Key assessment covering these topics and synoptic elements from previous topics.</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• Key task focusing on Rates of reaction</li> <li>• Key assessment covering Rates of Reaction, Acids, Alkalis and salts and covering synoptic elements from previous modules</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• Key task focusing on The Particle Model</li> <li>• Key assessment covering Energy and The Particle Model</li> </ul>

	3	<p>Biology</p> <ul style="list-style-type: none"> <li>• Health and disease</li> <li>• Plant tissues</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• Metals and their reactions</li> <li>• Covalent bonding</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• Atomic Structure</li> </ul>	<p>Biology</p> <ul style="list-style-type: none"> <li>• Key task focusing on topics shown</li> <li>• Key assessment covering these topics and synoptic elements from previous modules.</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• Key task focusing on Metals and acids, rates and salts</li> <li>• Key assessment covering Metals and their reactions, covalent bonding and covering synoptic elements from previous modules</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• Key task focusing on Atomic Structure</li> <li>• Key assessment covering Atomic Structure, Energy and The Particle Model</li> </ul>
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