



**KEY STAGE 3 – YEAR 9 – SCIENCE**  
**CURRICULUM MAP**

Autumn Term		Spring Term		Summer Term	
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Themes/Concepts	Key Themes/Concepts	Key Themes/Concepts	Key Themes/Concepts	Key Themes/Concepts	Key Themes/Concepts
<ul style="list-style-type: none"> <li>Cell Structure</li> <li>Separating Mixtures,</li> <li>Thermal energy transfer</li> </ul>	<ul style="list-style-type: none"> <li>Cell Division</li> <li>Atomic Structure</li> <li>Energy stores and efficiency</li> </ul>	<ul style="list-style-type: none"> <li>Movement of molecules</li> <li>Elements and the Periodic Table</li> <li>Acids and Alkalis</li> <li>Energy resources, particle model of matter</li> </ul>	<ul style="list-style-type: none"> <li>Chemical Change</li> <li>Density, changes of state, internal energy</li> </ul>	<ul style="list-style-type: none"> <li>Ecology</li> <li>Masses and Moles</li> <li>Gases and particles</li> </ul>	<ul style="list-style-type: none"> <li>Ecology contd</li> <li>Materials and Matter</li> <li>Current electricity</li> </ul>
Assessment	Assessment	Assessment	Assessment	Assessment	Assessment
<ul style="list-style-type: none"> <li>Key Task – trip through a cell.</li> <li>Separating Mixtures – Key Task and end of topic assessment</li> <li>Key Task – reducing heat loss from a house</li> </ul>	<ul style="list-style-type: none"> <li>Key Task – Elastic Potential Energy of a Bungee Jumper</li> <li>Atomic Structure - Key Task and End of Topic Assessment</li> <li>Cell Structure and Division – end of topic assessment</li> </ul>	<ul style="list-style-type: none"> <li>Elements and the Periodic Table – Key Task and End of Topic Assessment</li> <li>Key Task – exchange surfaces</li> <li>Energy – end of topic test</li> </ul>	<ul style="list-style-type: none"> <li>Movement of molecules – end of topic test</li> <li>Chemical Change – Key Task and end of topic test</li> <li>Key Task – density required practical</li> </ul>	<ul style="list-style-type: none"> <li>Key Task – adaptations</li> <li>Masses and Moles - Key Task and end of topic test</li> </ul>	<ul style="list-style-type: none"> <li>Ecology – end of topic test</li> <li>Matter – end of topic test</li> </ul>