

## Curriculum Overview: SCIENCE – Year 7

YEAR Group					
	<i>Autumn 1 (Sept – Oct)</i>	<i>Autumn 2 (Nov – Dec)</i>	<i>Spring 1 (Jan – Feb)</i>	<i>Spring 2 (Mar – Apr)</i>	<i>Summer (May – Jun)</i>
<b>Topic Title</b>	Cells - the Building Blocks of Life	Eating, Drinking and Breathing.  Mixing, Dissolving and Separating	Mixing, Dissolving and Separating.  Elements, Compounds and Reactions	Forces and their Effects	Energy Transfers and Sound
<b>Key Skills and Content</b>	<ul style="list-style-type: none"> <li>• How cells work for an organism.</li> <li>• Cells, Tissues, Organs and Body Systems.</li> <li>• How plants are adapted to reproduce</li> <li>• Pollination and Dispersal.</li> <li>• Reproduction in humans.</li> <li>• Egg and Foetus development.</li> </ul>	<ul style="list-style-type: none"> <li>• A healthy diet.</li> <li>• The digestive system.</li> <li>• The breathing system.</li> <li>• Using laboratory equipment.</li> <li>• Distillation.</li> </ul>	<ul style="list-style-type: none"> <li>• Solubility.</li> <li>• Chromatography.</li> <li>• Elements and atoms.</li> <li>• The Periodic Table.</li> <li>• Using simple models.</li> <li>• Reactions</li> </ul>	<ul style="list-style-type: none"> <li>• Types of force.</li> <li>• Things that forces do.</li> <li>• Useful and unwanted friction.</li> <li>• Levers and turning forces.</li> </ul>	<ul style="list-style-type: none"> <li>• Energy stores.</li> <li>• Useful and useless energy transfers.</li> <li>• Transferring more energy: Fuels.</li> <li>• Energy carried by sound: Waves and hearing.</li> </ul>
<b>Summative Assessment</b>	End of unit test comprising multiple	End of unit test comprising multiple	End of unit test comprising multiple	End of unit test comprising multiple	<ul style="list-style-type: none"> <li>• End of unit test comprising</li> </ul>

		choice and long answer questions	choice and long answer questions	choice and long answer questions	choice and long answer questions	multiple choice and long answer questions <ul style="list-style-type: none"><li>• End of year cumulative test</li></ul>