

Year 7

Subject Title	Science
Setting information	Students are taught within their Tutor groups
Time allowed	6 hours per fortnight
Homework information	30mins per week

Term	Topics	Skills	Assessment
1	<ul style="list-style-type: none"> <li>Scientific Skills</li> <li>Ecosystems – interdependence and plant reproduction .</li> </ul>	Practical and investigation skills. Data representation.	Scientific skills test paper  Formative assessment on ecosystems
2	<ul style="list-style-type: none"> <li>Forces – speed and gravity.</li> <li>Matter – particle model and separating mixtures.</li> </ul>	Practical and investigation skills. Listening and observing. Scientific reading. Data representation. Mathematical skills.	End of topic test of term 1 and 2
3	<ul style="list-style-type: none"> <li>Organisms – cells and movement.</li> <li>Reactions – acids and alkali</li> </ul>	Practical and investigation skills. Information retrieval. Listening and observing. Scientific reading. Scientific writing.	Formative assessment on reactions
4	<ul style="list-style-type: none"> <li>Electromagnets – current and voltage.</li> <li>Science Fair project</li> </ul>	Practical and investigation skills. Data representation. Scientific writing. Mathematical skills.	End of topic test of term 3 and 4

5	<ul style="list-style-type: none"> <li>• Energy – energy costs.</li> <li>• Genes – human reproduction and variation.</li> </ul>	Practical and investigation skills. Information retrieval. Listening and observing. Scientific reading. Data representation. Scientific writing. Mathematical skills.	Science Fair assessment  Formative assessment on energy
6	<ul style="list-style-type: none"> <li>• Reactions – metals and non-metals.</li> <li>• Waves – sound and wave properties</li> </ul>	Practical and investigation skills. Information retrieval. Listening and observing. Scientific reading. Data representation. Scientific writing. Mathematical skills.	End of topic test of term 5 and 6
Links to websites and revision materials:		<a href="https://www.bbc.co.uk/bitesize/subjects/zng4d2p">https://www.bbc.co.uk/bitesize/subjects/zng4d2p</a>	