

Assessment and Homelearning overview		Year 7 Science
Assessment	Time	Assessment Details
End of topic tests at the end of each unit and overview assessment at the end of the half term ( mixture of multiple choice and extended response questions )	30 Minutes per week	<p>End of topic assessment will consist of 25 marks quick recall and 25 marks examination style questions from the content outlined below.</p> <p>7.1 – Introduction to science            7.2 – Cell Biologist            7.3 – Molecular Chemist            7.4 – Energy Scientist            7.5 – Acid Scientist            7.6 - Geneticist            7.7 - Health Scientist            7.8 - Force Scientist            7.9 – Analytical Chemist            7.10 – Physio</p>
Key online resources:		
<p>Chemical reactions: <a href="https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zwxhk2p#zw6jdp3">https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zwxhk2p#zw6jdp3</a>            Exothermic and endothermic: <a href="https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zb7wwnb">https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zb7wwnb</a>            Combustion: <a href="https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zcwxcj6">https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zcwxcj6</a>            Thermal decomposition: <a href="https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zrgysk7">https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zrgysk7</a>            The skeleton: <a href="https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/zgbddp3">https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/zgbddp3</a>            Skeletal muscles: <a href="https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/zd7yydm#zm33f82">https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/zd7yydm#zm33f82</a>            Asthma: <a href="https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/z3tb3j6">https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/z3tb3j6</a>            Exercise and obesity: <a href="https://www.bbc.co.uk/bitesize/topics/zf339j6/articles/zdx8jty">https://www.bbc.co.uk/bitesize/topics/zf339j6/articles/zdx8jty</a></p>		

Assessment and Homelearning overview		Year 8 Science
Assessment	Time	Assessment Details
End of topic tests at the end of each unit and overview assessment at the end of the half term ( mixture of multiple choice and extended response questions )	30 Minutes per week	<p>End of topic assessment will consist of 25 marks quick recall and 25 marks examination style questions from the content outlined below.</p> <ul style="list-style-type: none"> <li>8.1 – Heating Engineer</li> <li>8.2 – Evolution Scientist</li> <li>8.3 – Light and Sound Engineer</li> <li>8.4 – Motor Sport Scientist</li> <li>8.5 – Periodic Table Scientist</li> <li>8.6 - Ecologist</li> <li>8.7 - Geologist</li> <li>8.8 - Pharmacist</li> <li>8.9 – Electrician</li> </ul>
<p>Key online resources:</p> <p><a href="#">Solutions and Separations - BBC Bitesize</a>  <a href="#">Distillation - YouTube</a>            Electricity: <a href="https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/z8mxgdm">https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/z8mxgdm</a>            Circuits: <a href="https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/zjm8kty#zv422v4">https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/zjm8kty#zv422v4</a>            Circuit diagrams: <a href="https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/z2tjwnb">https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/z2tjwnb</a>            Current and PD: <a href="https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/zd9d239">https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/zd9d239</a></p>		

Assessment and Homelearning overview		Year 9 Science
Assessment	Time	Assessment Details
End of topic tests at the end of each unit and overview assessment at the end of the half term ( mixture of multiple choice and extended response questions )	30 Minutes per week	<p>End of topic assessment will consist of 25 marks quick recall and 25 marks examination style questions from the content outlined below.</p> <p>B1 – Cell structure and transport            C1 – Atomic Structure            P8 – Forces in balance            B6 – preventing and treating disease            B7 – non communicable disease            C2 – Periodic table            P12 – Wave properties            B2 – cell division            C5 – Chemical changes            P13 – Electromagnetic waves            B3 – Organization and digestive system</p>
Key online resources:		
<p>Reactions of metals: <a href="https://www.bbc.co.uk/bitesize/guides/zy7dgd/revision/1">https://www.bbc.co.uk/bitesize/guides/zy7dgd/revision/1</a>            Acids, alkalis and slats: <a href="https://www.bbc.co.uk/bitesize/guides/ztv2dxs/revision/1">https://www.bbc.co.uk/bitesize/guides/ztv2dxs/revision/1</a>            Infrared radiation practical: <a href="https://www.bbc.co.uk/bitesize/guides/ztpm7p3/revision/1">https://www.bbc.co.uk/bitesize/guides/ztpm7p3/revision/1</a>            Electromagnetic waves: <a href="https://www.bbc.co.uk/bitesize/guides/z3yq4qt/revision/3">https://www.bbc.co.uk/bitesize/guides/z3yq4qt/revision/3</a>            Animal organization: <a href="https://www.bbc.co.uk/bitesize/guides/zpxv6yc/revision/1">https://www.bbc.co.uk/bitesize/guides/zpxv6yc/revision/1</a>            Digestion: <a href="https://www.bbc.co.uk/bitesize/guides/z89mk2p/revision/1">https://www.bbc.co.uk/bitesize/guides/z89mk2p/revision/1</a></p>		

Assessment and Homelearning overview		Year 10 Science
Assessment	Time	Assessment Details
End of topic tests at the end of each unit and overview assessment at the end of the half term ( mixture of multiple choice and extended response questions )	30 Minutes per week	<p>The year 10 assessment period will consist of 3 full mock papers on the following topics:</p> <p>Biology Paper 1:</p> <ul style="list-style-type: none"> <li>- Cell Biology</li> <li>- Organisation</li> <li>- Infection and response</li> <li>- Bioenergetics</li> </ul> <p>Chemistry Paper 1:</p> <ul style="list-style-type: none"> <li>- Atomic structure and the periodic table</li> <li>- Bonding, structure, and the properties of matter</li> <li>- Quantitative chemistry</li> <li>- Chemical changes</li> <li>- Energy changes</li> </ul> <p>Physics paper 1:</p> <ul style="list-style-type: none"> <li>- Energy</li> <li>- Electricity</li> <li>- Particle model of matter</li> <li>- Atomic structure</li> </ul>
Key online resources:		
<p>Endothermic and exothermic reactions: <a href="https://www.bbc.co.uk/bitesize/guides/z2b2k2p/revision/1">https://www.bbc.co.uk/bitesize/guides/z2b2k2p/revision/1</a></p> <p>Sample questions: <a href="https://www.bbc.co.uk/bitesize/guides/zxxcv9q/revision/1">https://www.bbc.co.uk/bitesize/guides/zxxcv9q/revision/1</a></p> <p>Electrical circuits: <a href="https://www.bbc.co.uk/bitesize/guides/zgvq4qt/revision/1">https://www.bbc.co.uk/bitesize/guides/zgvq4qt/revision/1</a></p> <p>Electricity: <a href="https://www.bbc.co.uk/bitesize/topics/zxdtywx/articles/zgrrjfr#zk88xg8">https://www.bbc.co.uk/bitesize/topics/zxdtywx/articles/zgrrjfr#zk88xg8</a></p> <p>Mains electricity: <a href="https://www.bbc.co.uk/bitesize/guides/zw8n2nb/revision/1">https://www.bbc.co.uk/bitesize/guides/zw8n2nb/revision/1</a></p> <p>Electrical safety (episode 4): <a href="https://www.bbc.co.uk/bitesize/topics/zxdtywx/articles/zgrrjfr#zk88xg8">https://www.bbc.co.uk/bitesize/topics/zxdtywx/articles/zgrrjfr#zk88xg8</a></p>		