

## Curriculum Overview – Year 11 Biology

Unit Title	Learning	How can parents best support?
B6 Inheritance, Variation, Evolution	<ul style="list-style-type: none"> <li>• DNA and Genetics</li> <li>• Meiosis</li> <li>• Genetic Crosses</li> <li>• Inherited Disorders</li> <li>• Evolution</li> <li>• Selective Breeding</li> <li>• Genetic engineering</li> <li>• Bacterial Resistance</li> <li>• Classification</li> <li>• Cloning (Biology Only)</li> <li>• Speciation (Biology Only)</li> </ul>	<p>Encourage the use of Tassomai homework completion</p> <p>Engage in scientific discussions</p> <p>Encourage the use of the Bitesize link below:  <a href="https://www.bbc.co.uk/bitesize/topics/zppffcw">https://www.bbc.co.uk/bitesize/topics/zppffcw</a></p> <p>Use the knowledge organiser and retriever book to learn the meanings of essential keywords and content</p>
B7 Ecology	<ul style="list-style-type: none"> <li>• Food Chains</li> <li>• Predator Prey Cycles</li> <li>• Sampling Techniques</li> <li>• Adaptations of Plants and Animals</li> <li>• Cycles</li> <li>• Pollution</li> <li>• Global Warming</li> <li>• Maintaining Biodiversity</li> <li>• Investigating Decay (Biology Only)</li> <li>• Food Security (Biology Only)</li> </ul>	<p>Encourage the use of Tassomai homework completion</p> <p>Engage in scientific discussions</p> <p>Encourage the use of the Bitesize link below:  <a href="https://www.bbc.co.uk/bitesize/topics/zxxhh39">https://www.bbc.co.uk/bitesize/topics/zxxhh39</a></p> <p>Use the knowledge organiser and retriever book to learn the meanings of essential keywords and content</p>
Revision SOW Begins		
Biology Paper 1 Revision	<p>Students will revise key in preparation for their paper</p> <p>1 exam which will include:</p> <p>Cells, specialized cells, stem cells &amp; Prep of</p>	<p>Use the following websites and your revision guide to consolidate learning and revise for assessments</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a></p>

	<p>Microscope slide (Required Practical)  Transport methods (Osmosis Required Practical)  Digestive system &amp; Enzymes  Heart Blood and Circulation  Respiration and effect of exercise on the body  Microbes, Barriers, White blood cells  Vaccinations and developing medicines  Communicable and non- communicable disease  Plant tissue &amp; organs  Photosynthesis &amp; RP</p> <p>Students will complete a Paper 1 Mock Exam in lesson time. Personalised feedback will be provided to help students identify specific areas of revision.</p> <p>Boost &amp; Secure sessions will be based around paper 2 topics.</p>	<p><a href="https://www.bbc.co.uk/bitesize/topics/zwj22nb">https://www.bbc.co.uk/bitesize/topics/zwj22nb</a>  <a href="https://www.bbc.co.uk/bitesize/topics/z9kww6f">https://www.bbc.co.uk/bitesize/topics/z9kww6f</a>  <a href="https://www.bbc.co.uk/bitesize/topics/zgr997h">https://www.bbc.co.uk/bitesize/topics/zgr997h</a></p> <p>Watch these video clips of required practicals:</p> <p><a href="https://www.youtube.com/watch?v=jBVxo5T-ZQM">https://www.youtube.com/watch?v=jBVxo5T-ZQM</a>  <a href="https://www.youtube.com/watch?v=ef2Ts2AKhq8">https://www.youtube.com/watch?v=ef2Ts2AKhq8</a>  <a href="https://www.youtube.com/watch?v=zbZxFxXN6m4">https://www.youtube.com/watch?v=zbZxFxXN6m4</a>  <a href="https://www.youtube.com/watch?v=JyXXoEvEWc8">https://www.youtube.com/watch?v=JyXXoEvEWc8</a>  <a href="https://www.youtube.com/watch?v=cBCKedXdFeE">https://www.youtube.com/watch?v=cBCKedXdFeE</a></p>
<p>Biology Paper 2 Revision</p>	<p>During lessons students will revisit and revise content for paper 2 in preparation for their final examination.</p> <p>Students will revise key topics which will include:  The Nervous &amp; Endocrine System, Blood Sugar regulation, Menstrual Cycle and Genetics and evolution.</p> <p>Boost &amp; Secure sessions will be based around paper 1 topics.</p>	<p>Paper 1:  Use the following websites and your revision guide to consolidate learning and revise for assessments  <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a>  <a href="https://www.bbc.co.uk/bitesize/topics/zwj22nb">https://www.bbc.co.uk/bitesize/topics/zwj22nb</a>  <a href="https://www.bbc.co.uk/bitesize/topics/z9kww6f">https://www.bbc.co.uk/bitesize/topics/z9kww6f</a>  <a href="https://www.bbc.co.uk/bitesize/topics/zgr997h">https://www.bbc.co.uk/bitesize/topics/zgr997h</a></p> <p>Paper 2:  <a href="https://www.bbc.com/bitesize/topics/zyybb82">https://www.bbc.com/bitesize/topics/zyybb82</a></p>

		<a href="https://www.bbc.com/bitesize/topics/zppfcw">https://www.bbc.com/bitesize/topics/zppfcw</a> <a href="https://www.bbc.com/bitesize/topics/zxxhh39">https://www.bbc.com/bitesize/topics/zxxhh39</a>
--	--	--