

## Curriculum area Biology AQA A-level (7402)

Topics	Assessment	How you can support your child's learning at home E.g. Books, Websites, Family learning through visits
<p>Section 5 – Energy transfer in and between organisms</p> <ol style="list-style-type: none"> <li>1. Photosynthesis</li> <li>2. Respiration</li> <li>3. Energy and ecosystems</li> </ol>	<p>A Level biology is assessed through 3 x 2hour papers.</p> <p>Paper 1 contains 91 marks and is 35% of the assessment. It covers sections 1-4 (year 1 content) and relevant practical skills. A mixture of short, long answer and extended response questions.</p>	<p>Pupils will be loaned textbooks AQA AS Biology Year 1 and Year 2 Purchase the revision guides. Monitor and support. Guidance with organisation of school work, meeting deadlines for homework, preparing for assessments. File dividers will be provided with specification points to aid organisation.</p>
<p>Section 6 – Organisms respond to changes in their environment</p> <ol style="list-style-type: none"> <li>1. Response to stimuli</li> <li>2. Nervous coordination and muscles</li> <li>3. Homeostasis</li> </ol>	<p>Paper 2 contains 91 marks and is 35% of the assessment. It covers sections 5-8 (year 2 content) and relevant practical skills. A mixture of short, long answer and comprehension questions.</p>	<p>Online material available: AQA website: <a href="https://www.aqa.org.uk">https://www.aqa.org.uk</a> <a href="http://www.s-cool.co.uk/a-level/biology">http://www.s-cool.co.uk/a-level/biology</a>: Royal Society of Biology: <a href="https://www.rsb.org.uk">https://www.rsb.org.uk</a> Physics and Maths Tutor: <a href="https://www.physicsandmathstutor.com">https://www.physicsandmathstutor.com</a> Revisely: <a href="https://www.revisely.co.uk">https://www.revisely.co.uk</a> Seneca Learning: <a href="https://www.senecalearning.com">https://www.senecalearning.com</a></p>
<p>Section 7 – Genetics, populations, evolution and ecosystems</p> <ol style="list-style-type: none"> <li>1. Inherited change</li> <li>2. Populations and evolution</li> <li>3. Populations in ecosystems</li> </ol>	<p>Paper 3 contains 78 marks and is 30% of the assessment. It covers sections 1-8 (year 1 &amp; 2 content) and relevant practical skills. A mixture of structures questions, including practical skills; critical analysis of experimental data and an essay.</p>	<p>Encourage students to attend help sessions offered at school by staff at lunchtimes, after school and during curriculum enhancement sessions. Following each lesson students are required to spend an equivalent proportion of time consolidating work by reading textbook topics and completing summary questions. At the end of each topic an end of topic assessment will be conducted, students are expected to complete the practice questions in the text book in preparation for the assessment.</p>
<p>Section 8 – The control of gene expression</p> <ol style="list-style-type: none"> <li>1. Gene expression</li> <li>2. Recombinant DNA technology</li> </ol>		<p>Completion of past examination papers, available in school and online.</p>

