

## CURRICULUM CONTENT (KS4) Year 11 GCSE Biology

The course we deliver is AQA GCSE Biology, syllabus code 8461

Please note this is for students starting their GCSE Biology course from 2016 onwards

<p style="text-align: center;"><b>Autumn Term</b></p> <ul style="list-style-type: none"> <li>• <b>Biological Responses (continued from Y10)</b> <ul style="list-style-type: none"> <li>▪ B1.12 Homeostasis in action</li> </ul> </li> <li>• <b>Genetics and Reproduction</b> <ul style="list-style-type: none"> <li>○ 4.6 Inheritance, variation and evolution                             <ul style="list-style-type: none"> <li>▪ B1.13 Reproduction</li> <li>▪ B1.14 Variation and evolution</li> </ul> </li> </ul> </li> </ul>	<p style="text-align: center;"><b>Key Assessments</b></p> <ul style="list-style-type: none"> <li>• Regular assessment of content using past paper style questions</li> <li>• End of Topic tests</li> </ul>	<p style="text-align: center;"><b>Extension Activities Parents Can Undertake To Support Learning</b></p> <ul style="list-style-type: none"> <li>• This is a good time to begin using past papers for revision and to improve examination technique. There are plenty of GCSE Biology papers available long with their mark schemes on the AQA website.</li> <li>• Preparation for the mock exams in January should be a steady process not a last minute rush.</li> </ul>
<p style="text-align: center;"><b>Spring Term</b></p> <ul style="list-style-type: none"> <li>• <b>Genetics and Reproduction (cont.)</b> <ul style="list-style-type: none"> <li>▪ B1.15 Genetics and evolution</li> </ul> </li> <li>• <b>Ecology</b> <ul style="list-style-type: none"> <li>○ 4.7 Ecology                             <ul style="list-style-type: none"> <li>▪ B1.16 Adaptations, interdependence and competition</li> <li>▪ B1.17 Organising an ecosystem</li> <li>▪ B1.18 Biodiversity and ecosystems</li> </ul> </li> </ul> </li> <li>• <b>Required Practicals on population in habitats, and the effect of temperature on decay.</b></li> </ul>	<p style="text-align: center;"><b>Key Assessments</b></p> <ul style="list-style-type: none"> <li>• Regular assessment of content using past paper style questions</li> <li>• End of Topic tests</li> <li>• Mock exams for Year 11</li> </ul>	<p style="text-align: center;"><b>Extension Activities Parents Can Undertake To Support Learning</b></p> <ul style="list-style-type: none"> <li>• Following the mock, does your daughter have a clear idea of what she needs to do to maximise her potential? Her school reports will have advice and targets for her to follow.</li> </ul>
<p style="text-align: center;"><b>Summer Term</b></p> <ul style="list-style-type: none"> <li>• 4.8 Key ideas</li> <li>• Revision activities in preparation for the summer exam</li> </ul>	<p style="text-align: center;"><b>Key Assessments</b></p> <p>Paper 1 What's assessed Topics 1 – 4: Cell biology; Organisation; Infection and response; and Bioenergetics.</p> <p>Paper 2 What's assessed Topics 5 – 7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.</p>	<p style="text-align: center;"><b>Extension Activities Parents Can Undertake To Support Learning</b></p> <ul style="list-style-type: none"> <li>• Once the specification is completed then revision and exam practice becomes the main priority. Ask if there is anything she would like you to help with? Are there list of things she needs to learn or mnemonics she is using that you could listen to?</li> </ul>