

Subject	Year 11		
Review	Review 1	Review 2	Review 3
Content covered	<p><b>Biology:</b>  <b>Ecology from the end of Y10:</b>            B16.1 The importance of communities.            B16.2 Organisms &amp; their environment.            B16.3 Distribution &amp; abundance.            B16.4 Competition in animals.            B16.5 Competition in plants.            B16.6 Adapt &amp; survive.            B16.7 Adaptations in animals.            B16.8 Adaptations in plants.            B17.1 Feeding relationships.            B17.2 Materials cycling.            B17.3 The carbon cycle.            B18.1 The human population explosion.            B18.2 Land &amp; water pollution.            B18.4 Deforestation &amp; Peat destruction.            B18.5 Global warming.</p> <p><b>Topics from Y11:</b>            B13.1 Types of reproduction.            B13.2 Cell division in sexual reproduction.            B13.4 DNA &amp; the genome.            B13.7 Inheritance in action.            B13.8 More about genetics.            B13.9 Inherited disorders.</p> <p><b>Chemistry:</b>  <b>All previous topics plus</b>            C4.1 Relative masses and moles            C4.2 Equations and calculations            C4.3 From masses to balanced equations            C4.6 Expressing concentrations</p> <p><b>Physics:</b>  <b>P13 Electromagnetic Waves</b>            P13.1 The electromagnetic spectrum</p>	<p><b>Biology:</b>  <b>AQA Paper 1 covering the whole of the following topics covered in Y9-10:</b></p> <ol style="list-style-type: none"> <li>1. Cells &amp; organisation B1-B4</li> <li>2. Diseases &amp; bioenergetics B5-9.</li> </ol> <p><b>Chemistry:</b></p> <ol style="list-style-type: none"> <li>1. Atoms bonding and moles C1-C4</li> <li>2. Chemical reactions and energy changes C5-C7</li> </ol> <p><b>Physics:</b>            Topics covered from all units</p>	<p><b>Biology:</b>  <b>AQA Paper 2 covering the whole of the following topics covered in Y10-11:</b></p> <ol style="list-style-type: none"> <li>3. <b>Biological responses B10-12.</b></li> <li>4. <b>Genetics &amp; reproductions B13-B15.</b></li> </ol> <p><b>To include topics taught in Y11 as follows:</b>            B14.1 Variation.            B14.2 Evolution by natural selection.            B14.3 Selective breeding.            B14.4 Genetic engineering.            B15.5 Evidence for evolution.            B15.6 Fossils &amp; extinction.            B15.7 More about extinction.            B15.8 Antibiotic resistance.            B15.9-10 Classification.</p> <ol style="list-style-type: none"> <li>5. <b>Ecology B16-18.</b></li> </ol> <p><b>Chemistry:</b></p> <ol style="list-style-type: none"> <li>1. Rates equilibrium and organic chemistry C8/9</li> <li>2. Analysis and the earth's resources C12 – C 14</li> </ol> <p><b>Physics:</b>            Topics covered from all units</p>

	<p>P13.2 Light, infrared, microwaves, and radio waves</p> <p>P13.3 Communications</p> <p>P13.4 Ultraviolet rays, X-rays, and gamma rays</p> <p>P13.5 X-rays in medicine</p> <p><b>P15 Electromagnetism</b></p> <p>P15.1 Magnetic fields</p> <p>P15.2 Magnetic fields of electric current</p> <p>P15.4 The motor effect (HT)</p>		
Assessment method	<p>3x 50 min written exam papers (one for each science) based on the topics covered. Calculator required.</p> <p>Foundation and Higher Tier papers.</p>	<p>Full mock examination. 3x 75 min written exam papers (one for each science) based on the topics covered from Paper 1 of the specification. Calculator required.</p> <p>Foundation and Higher Tier papers.</p>	<p>Full mock examination. 3x 75 min written exam papers (one for each science) based on the topics covered from Paper 2 of the specification. Calculator required.</p> <p>Foundation and Higher Tier papers.</p>
Teacher & Dept response	<p>Students will go through their assessments making the necessary corrections and completing a www/ebi and next steps task to show progress made.</p> <p>Students identified as underachieving will be closely monitored in class based on regular mini assessments and will get extra support from their class teacher.</p> <p>CL will be aware of those having underachieved and raised concerns with class teacher.</p> <p>Students will be recommended to attend Science Clinic weekly.</p>	<p>Students will get an actual GCSE grade from these papers so will be able to see their own progress and their areas for improvement.</p> <p>Students will go through their assessments making the necessary corrections and completing a www/ebi and next steps task to show progress made.</p> <p>Students that continue to underachieve will have discussions with class teacher and CL.</p> <p>Attendance at Science Clinic will become a necessity and should be at least once a week.</p> <p>Class teacher to monitor their attendance and progress in lessons.</p> <p>LIMs and SSCs to be informed.</p> <p>Interventions after school to be encouraged.</p>	<p>Students will go through their assessments making the necessary corrections and completing a www/ebi and next steps task to show progress made.</p> <p>CL to raise concerns of continued underachievement to Pastoral team and parents.</p> <p>Attendance at Science Clinic to be essential and concerns passed on to teacher for Year 11.</p> <p>Attendance at after school interventions sessions to become a necessity and daily Science clinic to still be encouraged.</p>