

SCIENCE FACULTY

SCIENCE FACULTY – SCIENCE
YEAR 10 & 11

<i>Topic(s) covered</i>	<i>Resources available e.g. Website</i>
<p><u>Year 10</u></p> <p>Biology</p> <p>B4 Organising Animals and Plants</p> <p>B5 Communicable Diseases</p> <p>B7 Non-communicable Diseases.</p> <p>B8 Photosynthesis</p> <p>B9 Respiration</p> <p>Chemistry</p> <p>C4 Chemical Calculations</p> <p>C5 Chemical Changes</p> <p>C6 Electrolysis</p> <p>C7 Energy Changes</p> <p>C8 Rates and Equilibrium</p> <p>C9 Crude Oils and Fuels</p> <p>C10 Chemical Analysis</p> <p>C11 The Earth's Atmosphere</p> <p>C12 The Earth's Resources</p> <p>Physics</p> <p>P4 Electric Circuits</p> <p>P5 Electricity in the Home</p> <p>P6 Molecules and Matter</p> <p>P7 Radioactivity</p> <p>P8 Forces in Balance</p> <p>P9 Motion</p> <p>P10 Force and Motion</p> <p>P11 Wave Properties</p> <p>P12 Electromagnetic Waves</p> <p>P13 Electromagnetism</p>	<p>Students will achieve two GCSEs in Science on this course</p> <p>Students will sit six exams – two Biology, two Chemistry and two Physics.</p> <ol style="list-style-type: none"> 1. Know your specification! This tells you everything that will be on each exam! <p>http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464</p> <ol style="list-style-type: none"> 2. Regularly use websites to help with your homework and your revision. <p>http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/</p> <ol style="list-style-type: none"> 3. Watch YouTube videos to reinforce what you have learnt in lesson. <p>https://www.youtube.com/user/myGCSEscience</p> <ol style="list-style-type: none"> 4. Log on to Kerboodle and use the electronic book, interactive activities and progress tests to strengthen your revision. Remember the institution code is VE0. <p>www.kerboodle.com</p> <p>User name:</p> <p>Password:</p> <p>Institution Code: VE0</p> <p>Make sure you take your GCSE Combined Science (Grade 9-1) Revision guide and workbook to every lesson and revision session so that you can use it. You can order these on Parentpay and collect them from science</p>

<i>Topic(s) covered</i>	<i>Resources available e.g. Website</i>
<p><u>Year 11</u></p> <p>Biology</p> <p>B11 Hormonal Control in Humans and Plants</p> <p>B12 Reproduction</p> <p>B13 Variation and Evolution</p> <p>B14 Genetics and Evolution</p> <p>B15 Adaptations, interdependence and competition</p> <p>B16 Organising an Ecosystem</p> <p>B17 Biodiversity and Ecosystems</p> <p>Chemistry</p> <p>C7 Energy Changes</p> <p>C8 Rates and Equilibrium</p> <p>C9 Crude Oils and Fuels</p> <p>C10 Chemical Analysis</p> <p>C11 The Earth's Atmosphere</p> <p>C12 The Earth's Resources</p> <p>Physics</p> <p>P8 Forces in Balance</p> <p>P9 Motion</p> <p>P10 Force and Motion</p> <p>P11 Wave Properties</p> <p>P12 Electromagnetic Waves</p> <p>P13 Electromagnetism</p>	<p>As above</p>