

## Combined Science

<p><b>Your Y11 Mock Exams</b></p> <p><b>Title and length of paper(s):</b></p> <ul style="list-style-type: none"> <li>• Biology: 1hr 10 min</li> <li>• Chemistry: 1hr 10 min</li> <li>• Physics: 1hr 10 min</li> </ul> <p><b>Style(s) of question:</b> short answers; one 6-marker</p>	<p><b>How best to revise for this subject:</b> (activities, how long, when, revisiting ideas ...)</p> <p><b>Start early answering exam questions for exam technique:</b>          Past papers can be found by clicking 'Exam Materials':  <a href="https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.html">https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.html</a></p> <ul style="list-style-type: none"> <li>• Identify the topic that the question is testing.</li> <li>• Make a list of key words that you think will be relevant.</li> <li>• Try the exam question without using your notes.</li> <li>• Then, using a different colour, use resources to improve your answer. [This is your new learning].</li> <li>• If you have access to a mark scheme, make further improvements in a third colour.</li> </ul> <p><b>Revisiting and Improving</b>          Revisit topics that you have found harder e.g. lower scores on exam questions or quizzes. Focus on these by:</p> <ul style="list-style-type: none"> <li>• Making flashcards for key points [Hint – put a diagram on one side of the card and bullet point key ideas on the back.]</li> <li>• Use the flashcards to test yourself the next day / in a week / just before the exam</li> <li>• Revisit on Seneca or GCSEPod to see if your score has improved.</li> <li>• Trying exam questions on these topics (again)</li> </ul>
<p><b>Revision sources:</b></p> <p>1. <b>Your revision guide</b> – your teachers will give you the detail of content and pages that you need to target for your tier in biology, chemistry and physics.</p> <p>2. <b>Core Practical Tasks</b> Click the link to review practical tasks covered in the topics listed below.  <a href="http://www.focuselearning.co.uk">www.focuselearning.co.uk</a>          Username: student@hanleycastle1479          Password: 852yk26kf</p> <p>3. <b>Seneca presentations and quizzes</b> can be found on: <a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a>          Take care to select Edexcel, Combined Science and the correct tier you will be sitting.</p> <p>4. <b>Revision video clips:</b> These are sites endorsed by the exam board.  <a href="https://www.youtube.com/@Primrose_Kitten/videos">https://www.youtube.com/@Primrose_Kitten/videos</a>  <a href="https://www.youtube.com/@Freesciencelessons">https://www.youtube.com/@Freesciencelessons</a></p>	

<p><b>What support could be happening in lessons?</b></p> <p>We still have new content to learn, but your teacher is likely to recap previous content in those lessons frequently.</p> <p>You will see exam questions and mark schemes to see the skills that examiners are looking for.</p>	<p><b>What could I expect for homework?</b></p> <p>Homework tasks will be structured to help you with revising specific topics or skills. For example, deliberate practice sheets with questions from all themes to be assessed – these will help you keep revisiting the whole range of topics. Thorough explanation in your answers will shape your revision and preparation.</p>
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<p>BIOLOGY COMBINED</p>	<p>Topic 1 - Key Concepts          Topic 6 - Plant Structures and their functions          Topic 7 - Animal Coordination, Control and Homeostasis          Topic 8 - Exchange and Transport          Topic 9 - Ecosystems</p>
<p>CHEMISTRY COMBINED</p>	<p>Section 10 – Key concepts in chemistry (C3-7 &amp; C9)          Section 14 – Groups in the periodic table (C13)          Section 15 – Rates of reaction and energy changes (C14-15)          Section 16 – Fuels and Earth science (C16-17)</p>
<p>PHYSICS COMBINED</p>	<p>Topic 1 – Key concepts of physics,          Topic 2 – Motion and forces,          Topic 3 – Conservation of energy          Topic 4 – Waves,          Topic 5 – Light and the electromagnetic spectrum,          Topic 6 – Radioactivity</p>