

## Combined Science

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| <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><br/>Past papers can be found by clicking 'Exam Materials':<br/><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><br/>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.<br/><a href="http://www.focuselearning.co.uk">www.focuselearning.co.uk</a><br/>Username: student@hanleycastle1479<br/>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><br/>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.<br/><a href="https://www.youtube.com/@Primrose_Kitten/videos">https://www.youtube.com/@Primrose_Kitten/videos</a><br/><a href="https://www.youtube.com/@Freesciencelessons">https://www.youtube.com/@Freesciencelessons</a></p> <p>5. <b>Sparx Science – independent learning</b></p> |  |

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| <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 include revision using Sparx science and also additional structured tasks 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<br/>COMBINED</p>   | <p>Topic 1 - Key Concepts<br/>Topic 6 - Plant Structures and their functions<br/>Topic 7 - Animal Coordination, Control and Homeostasis<br/>Topic 8 - Exchange and Transport<br/>Topic 9 - Ecosystems</p>                          |
| <p>CHEMISTRY<br/>COMBINED</p> | <p>Section 10 – Key concepts in chemistry (C3-7 &amp; C9)<br/>Section 14 – Groups in the periodic table (C13)<br/>Section 15 – Rates of reaction and energy changes (C14-15)<br/>Section 16 – Fuels and Earth science (C16-17)</p> |
| <p>PHYSICS<br/>COMBINED</p>   | <p>Topic 1 – Key concepts of physics,<br/>Topic 2 – Motion and forces,<br/>Topic 3 – Conservation of energy<br/>Topic 4 – Waves,<br/>Topic 5 – Light and the electromagnetic spectrum,<br/>Topic 6 – Radioactivity</p>             |