

## Year 11 Physics Mock 2

Year Group:	11
Subject:	GCSE Combined Science - PHYSICS
Tier (if applicable):	HIGHER

### Details of mock exam

Paper to be sat:	1 hour 15 minute exam covering GCSE Physics paper 2
Topics to be covered in the mock – a more detailed topic list is below:	Forces (topic 5) Waves (topic 6)

### Materials to support your revision

Link to Online Resources:	<p><a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a> <a href="http://www.kerboodle.com">www.kerboodle.com</a> - This website has a digital copy of the course textbook and a large selection of other resources.</p> <p>Go to:</p> <ul style="list-style-type: none"> <li>➤ AQA GCSE Sciences (9-1)</li> <li>➤ Digital Book</li> <li>➤ AQA GCSE Physics 3<sup>rd</sup> Edition</li> <li>➤ Chapters: 8-10, 12-13             <ul style="list-style-type: none"> <li>○ Pay attention to HIGHER detail in RED</li> <li>○ IGNORE any black-headed PHYSICS ONLY pages</li> </ul> </li> </ul> <p><b>AQA assessment resources:</b> <a href="https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources">https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources</a></p> <p><b>Free science lessons revision videos:</b> FORCES: <a href="https://www.youtube.com/watch?v=P1ISWWUkMdQ&amp;list=PL9IouNCPbCxUrQkFLoPwB67nDbhw2NfAO">https://www.youtube.com/watch?v=P1ISWWUkMdQ&amp;list=PL9IouNCPbCxUrQkFLoPwB67nDbhw2NfAO</a> WAVES: <a href="https://www.youtube.com/playlist?list=PL9IouNCPbCxX1-0Nr5_bMDJnN-9RqMuA6">https://www.youtube.com/playlist?list=PL9IouNCPbCxX1-0Nr5_bMDJnN-9RqMuA6</a></p> <p><b>Physics Online revision videos:</b> FORCES: <a href="https://www.youtube.com/watch?v=oZpvGs2-Xyk">https://www.youtube.com/watch?v=oZpvGs2-Xyk</a> WAVES: <a href="https://www.youtube.com/watch?v=gOJGEmbfsiE">https://www.youtube.com/watch?v=gOJGEmbfsiE</a></p> <p><b>Physics &amp; Maths Tutor</b> <a href="https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/">https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/</a></p>
Recommended revision guides:	<p>Collins AQA GCSE Combined Science: All-in-One Revision and Practice</p> <ul style="list-style-type: none"> <li>- Forces (topic 5)</li> <li>- Waves (topic 6)</li> </ul>

**GCSE Combined Science PHYSICS revision – February 2022 mock topic list.**

Below are the main themes of the Paper 2 exam that you will sit. Please use the AQA GCSE Combined Science specification to help you with the detail needed for each section:

<https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/changes-for-2022>

<b>Topic</b>	<b>Specification Point</b>	<b>Theme</b>	<b>Page numbers</b> <i>*pay attention to HIGHER detail in red boxes too*</i>
5 FORCES	6.5.1	Forces and their interactions	114-119
	6.5.2	Work done and energy transfer	8-9
	6.5.3	Forces and elasticity	158-159
	6.5.4	Forces and motion	134-149
	6.6.5	Momentum	150-151
6 WAVES	6.6.1	Waves in air, fluids and solids	174-177
	6.6.2	Electromagnetic waves	190-199