

## Getting Ready For *Physics*

Your Name		
A Level Physics	Transition to A Level Physics	AQA

**We are delighted you have chosen to study Physics at Haywards Heath College.**

**Instructions:** This pack will help you make the best possible start to studying this subject.

The tasks in this pack:

- should take you **about 4 hours to complete**.
- should be handed into your teacher when teaching starts **from 14<sup>th</sup> September 2020** with your name on it for assessment.
- are also available on the internet – follow the links in the document.

**If you need help:** The tasks are designed to get a bit more difficult as you work through them as they are preparing you for studying at a higher level and to become an effective independent learner. You should try to get as far as you can working on your own but if you do need help, please email us at [info@haywardsheath.ac.uk](mailto:info@haywardsheath.ac.uk) telling us which Getting Ready For pack you are working on and what help you need. Help is available throughout the summer holidays.

Skills Focus for this Getting Ready for Pack	
Research sources of information Quality of written communication Clarity of mathematical communication	Organisation Linear learning

Target Grade	Type of task	Task and subject specific skill reference	Deadline
All	Getting prepared	<p>Organisation is the first step to success in Physics A level. Make sure you have the following things when you start in September:</p> <ul style="list-style-type: none"> <li>• Ring binder with dividers for each topic (there will be 4 in y12)</li> <li>• Scientific calculator</li> <li>• Maths set including protractor and 30cm ruler</li> <li>• Pens and pencils</li> </ul> <p>You will also need one of these textbooks:</p> <ul style="list-style-type: none"> <li>• <a href="https://tinyurl.com/cgptextbook">https://tinyurl.com/cgptextbook</a></li> <li>• <a href="https://tinyurl.com/breithaupttextbook">https://tinyurl.com/breithaupttextbook</a></li> </ul> <p>You only need one of these textbooks – have a look and see which one is right for you. Next year, your home learning will be set from these textbooks so you will use it every week.</p>	<b>from 14<sup>th</sup> September 2020</b>
All	Linear learning	<p>Linear Learning is the second step to success in A level Physics. It's important to continually revisit previous learning and practice the skills you have learned.</p> <p>Read the information and answer the questions in the AQA Transition to A level Physics document that can be found here  <a href="https://filestore.aqa.org.uk/resources/physics/AQA-7407-7408-TG.PDF">https://filestore.aqa.org.uk/resources/physics/AQA-7407-7408-TG.PDF</a></p> <p>You should be familiar with the topics from GCSE Maths and Physics, but if you get stuck, check out the videos below.</p>	<b>from 14<sup>th</sup> September 2020</b>
All	Support	<p><b>YouTube:</b>            Maths help: <a href="https://www.youtube.com/watch?v=9Y05pw9jH3Q&amp;list=PLxHVbxhSvleS6TaN5EqyV0mu1W35t33KL">https://www.youtube.com/watch?v=9Y05pw9jH3Q&amp;list=PLxHVbxhSvleS6TaN5EqyV0mu1W35t33KL</a>            Physics help: <a href="https://www.youtube.com/watch?v=WtPeQsEwEWA">https://www.youtube.com/watch?v=WtPeQsEwEWA</a></p> <p><b>Khan Academy:</b>            Maths help: <a href="https://www.khanacademy.org/math/math-1-2-3">https://www.khanacademy.org/math/math-1-2-3</a>            Physics help: <a href="https://www.khanacademy.org/science/ap-physics-1">https://www.khanacademy.org/science/ap-physics-1</a></p>	<b>from 14<sup>th</sup> September 2020</b>
<b>Notes:</b>			