

## A-Level Summer Work – Physics 2026-27

Please complete the highlighted task and submit it to your teacher in the first lesson in September.

The other tasks offer an extended opportunity to prepare for A level and begin preparation for university.

Introduction to the course	GCSE Flashback	A level subject preparation tasks
<p><a href="#">Overview of the course. AQA</a></p> <p>Online resources <a href="#">ALP Student Room</a> <a href="#">Maths and Physics Tutor</a> <a href="#">A level Physics Online</a> <a href="#">Edpuzzle</a> <a href="#">Isaac Physics</a></p> <p><a href="#">Specification</a></p> <p>List of resources that are required for the course:</p> <ul style="list-style-type: none"><li>• Folders/ dividers</li><li>• Notebook</li><li>• Scientific calculator</li><li>• Pens/pencils/ruler/protractor</li><li>• Lab book (from school)</li></ul>	<p>For fun, read “<a href="#">The First Quantum Physicists</a>” from Pagels’ The Cosmic Code. Write down as many keywords, phrases and links as you can to your studies of GCSE Physics in the chapter. I found at least twenty-five links to GCSE Physics. How many can you find?</p> <p>Complete, for fun, the <a href="#">crossword puzzle</a> to recall more keywords from GCSE Physics! The answers are <a href="#">here</a>. 😊</p>	<p><a href="#">Transition booklet</a> Complete a task in the booklet each day. When you are finished, Red/Amber/Green that section so that we can identify your confidence.</p> <p>Further work (optional): <a href="#">Pagels</a> also mentions several phrases that you might not recognise yet, but will learn about in the first few weeks of A-Level. Research the following terms and write a very brief explanation (2-3 sentences) of each:</p> <ul style="list-style-type: none"><li>• Subatomic</li><li>• Plank’s Constant, h</li><li>• Photoelectric Effect</li><li>• Wave-particle duality</li></ul>

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