

A-Level Summer Work – Physics 2025-26

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.

Introduction to the course	GCSE Flashback	A level subject preparation tasks
<p><u>Overview of the course</u></p> <p>Online resources</p> <p><u>ALP Student Room</u></p> <p><u>Maths and Physics tutor</u></p> <p>Edpuzzle</p> <p><u>Isaac Physics</u></p> <p><u>A level Physics Online</u></p> <p><u>Specification</u></p> <p>List of resources that are required for the course:</p> <ul style="list-style-type: none">• Folders/ dividers• Notebook• Scientific calculator• Pens/pencils/ruler/protractor• Lab book (you will purchase this from the school when we return)	<p>For fun, read “<u>The First Quantum Physicists</u>” 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 <u>crossword puzzle</u> to recall more keywords from GCSE Physics!</p>	<p><u>Transition booklet</u> 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): <u>Pagels</u> 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">• Subatomic• Plank's Constant, h• Photoelectric Effect• Wave-particle duality

Staff contact Details: Mrs Eakins: leakins@chippingnortonschool.org

Mr Turvey: mturvey@chippingnortonschool.org