

Preparing for Physics A-Level

The first year of study will cover four main topics: Mechanics (forces and motion), Electricity, Materials and Waves.

The most important part of preparing for A level physics is not forgetting what you already know.

The best way you can prepare is to keep your GCSE physics at the front of your mind by continuing to revise and complete GCSE papers (although not at the pace you would have done for exams). Papers should be completed, marked and corrected where necessary.

If you have completed a combined science award it would be useful for you to look at the aspects of the single award physics that you will not have studied. There are many revision videos that can be used.

Free science lessons video are all clearly labelled for triple physics

https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw

Questions and answers can be found at <https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/>

Past GCSE papers can also be found on the exam board websites:

<https://www.aqa.org.uk/subjects/science/gcse/physics-8463/assessment-resources>

[https://qualifications.pearson.com/en/support/support-topics/exams/past-papers.html?Qualification-Family=GCSE&Qualification-Subject=Science%20-%20Individual%20sciences%20route%20\(2011\)&Status=Pearson-UK:Status%2FLive&Specification-Code=Pearson-UK:Specification-Code%2Fgcse11-science](https://qualifications.pearson.com/en/support/support-topics/exams/past-papers.html?Qualification-Family=GCSE&Qualification-Subject=Science%20-%20Individual%20sciences%20route%20(2011)&Status=Pearson-UK:Status%2FLive&Specification-Code=Pearson-UK:Specification-Code%2Fgcse11-science)

<https://www.ocr.org.uk/qualifications/gcse/gateway-science-suite-physics-a-j249-from-2016/assessment/>

There is no expectation for students to purchase additional books and all resources will be provided. However, if you wish, there is a CGP work book, 'Headstart to A level Physics', that helps to bridge the gap between GCSE and A level and is available on Amazon for £4.95

<https://www.amazon.co.uk/Head-Start-level-Physics-Level-ebook/dp/B00VE2NII4>