

Welcome to A Level Physics 2026

Welcome to A Level Physics! Congratulations on choosing physics for one of your A Levels.

The course

The course we follow is **OCR Physics A (H556)**. The course comprises six modules:

- Module 1: Development of practical skills in physics
- Module 2: Foundations in physics
- Module 3: Forces and motion
- Module 4: Electrons, waves and photons
- Module 5: Newtonian world and astrophysics
- Module 6: Particles and medical physics

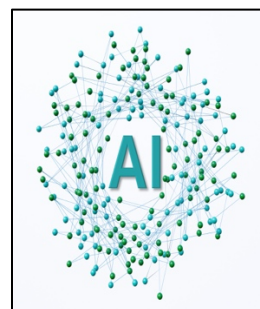
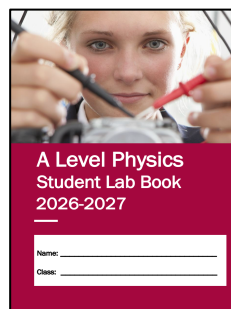
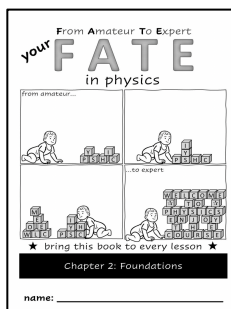
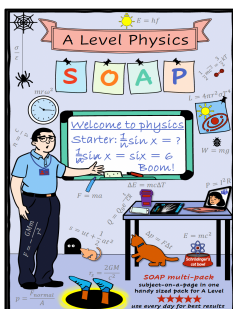
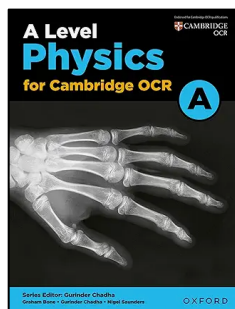
Module 1 (practical skills) covers both years of the course. Modules 2, 3 and 4 are taught in year 12. Modules 5 and 6 are mainly taught in year 13 (module 5 is started towards the end of year 12). We aim to finish the course by February in year 13 which gives us ample time for revision ahead of the A level exams.

At the end of the course there are three exams:

- Paper 1 is 2 hour 15 minutes and assesses content from modules 1, 2, 3 and 5.
- Paper 2 is also 2 hour 15 minutes and assesses content from modules 1, 2, 4 and 6.
- Paper 3 (unified paper) is 1 hour 30 minutes long and assesses content from all the modules.

In addition to the exams, the practical endorsement in physics (the “PAGs”) is a simple pass/fail.

Resources and help



The course textbook is **A Level Physics for Cambridge OCR A**. We provide a copy for free on the school's Kerboodle platform and there are hard copies to use in the physics labs. However, if you wish to buy your own copy the ISBN number is 978-0198352181.

In addition, the following **unique resources** are provided to BHS students:

- Course notes in the **SOAP book** (“Subject on a page”). The SOAP is a highly compressed set of notes which contain everything you need to know for the course plus extra resources for physics beyond A Level, university applications and careers. There is also a tablet and mobile friendly online version.
- Each topic in the course has an accompanying **practice and revision book called a FATE book** (“From Amateur to Expert”).
- A comprehensive **student lab book** which contains details of the PAGs and is completed as the experiments are carried out.
- An expert **Fast Physics AI model** which has been developed and trained on the course – find [here](#).
- Weekly physics drop-in.

Bridging Work

Total time: approx. 2–3 hours

1. Join this Isaac Physics group: <https://isaacscience.org/account?authToken=6JDXM>. If you do not have an Isaac Physics account register (if you have a BHS school email address, use this one).
2. You will find two assignments in the group (GCSE to A Level transition – quick skills 1 and 2). Complete both assignments before coming in to school.
3. If you get stuck and need help:
 - a. Click on the “hints” and then try the question again.
 - b. Go to the Fast Physics AI (link above) and ask for help on the topic.