

Course Overview

A-level Physics allows students to appreciate how fundamental Science works and to study optional topics that particularly interest them including Astrophysics. There is no coursework – practical skills and understanding are tested in the final exams.

Year 12

Unit 1 Measurements and Errors
Unit 2 Particles and Radiation
Unit 3 Waves
Unit 4 Mechanics and Materials
Unit 5 Electricity

Year 13

Unit 6 Further Mechanics and Thermal Physics
Unit 7 Fields and their Consequences
Unit 8 Nuclear Physics
Unit 9 Astrophysics

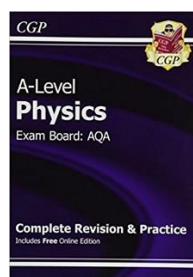
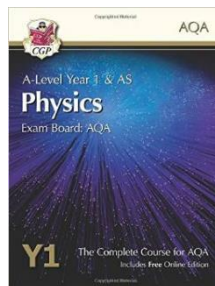
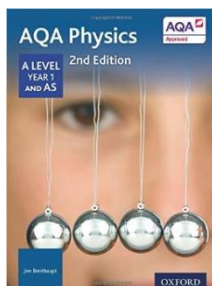
Useful websites

iop.org.uk
aqa.org.uk
phet.colorado.edu
antonine-education.co.uk
hyperphysics.phy-astr.gsu.edu

Essential text books and reading list

There are no texts that are essential for the course; however, it is highly recommended that you find a text book or revision guide to support you in your studies. Options include:

Oxford AQA Physics Year 1 (ISBN: 0198351860)
CGP AQA Physics Y1 (ISBN: 1782943234)
CGP AQA Physics year 1 and 2 (ISBN: 1782943048)



Summer task

1. Complete the summer task sheet, 10 multi choice questions and essay.