

A Level – Physics - AQA

Contact: Miss N Tyson

Course Description

Our lives and interactions are governed by the laws of Physics. By understanding the rules that shape the world around us, we can design and develop new technologies which improve our daily lives.

Physics is a great subject for students wishing to gain a wide understanding of science and the world around them, from the smallest points of matter to the working of a black hole

Assessment

Paper 1 - Written exam (2 hours, 85 marks and is worth 34% of the final A Level result)

Measurements and their errors; particles and radiation; waves; mechanics and materials; electricity; periodic motion.

Paper 2 - Written exam (2 hours, 85 marks and is worth 34% of the final A Level)

Thermal physics; fields and their consequences; nuclear physics; knowledge from paper 1.

Paper 3 - Written exam (2 hours, 80 marks and is worth 32% of the final A Level)

Section A - compulsory: practical skills and data analysis

Section B - students enter for one of the following: astrophysics; medical physics; engineering physics; turning points in physics; electronics

Although this will not contribute to the overall grade, students will be assessed on their practical competencies. If successful, a certificate is awarded alongside their A Level qualification.

Additional Entry Guidance

We recommend that you have a grade 6 or above in Combined Science (Trilogy) or Physics at GCSE (Higher Paper). It must be emphasised that this is not a requirement but may prove helpful, especially when accessing the higher grades at A Level.

This course is not suitable if you are re-sitting GCSE Mathematics.