

A LEVEL IN PHYSICS

ENTRY REQUIREMENTS

5 GCSE GRADE 4 OR ABOVE INCLUDING
6 IN MATHS | 6 IN PHYSICS | 6:6 COMBINED SCIENCE

TOPICS STUDIED

- Mechanics
- Materials
- DC circuits
- Waves and optics
- Radiation & particle physics
- Fields
- Thermal physics
- Capacitors
- Radioactivity & nuclear physics

COURSE DESCRIPTION

Physics encompasses the study of the Universe, from the largest galaxies to the smallest subatomic particles. It is crucial to understanding the world around us, the world inside us, and the world beyond us. It is the most basic and fundamental Science.

Physics challenges our imaginations and leads to great discoveries, like computers and lasers, which lead to technologies which change our lives – from healing joints, to curing cancer, to developing sustainable energy solutions. It is only in Physics that you will find yourself thinking about everything from how the Universe started to how a bridge stays up.

In this course, you will study topics including mechanics, materials, DC Circuits, waves and optics, radiation and particle physics, fields, radioactivity and nuclear physics, thermal physics and capacitors.



100% EXAMS
40% MATHS CONTENT

UP TO 56 UCAS POINTS