

# A Level Physics

Studying physical A level strengthens quantitative reasoning and problem solving skills that are valuable in areas beyond physics. Physics is the broadest of all sciences, looking from the minute to the super massive. We consider it to be what people love about maths and science, all in one place.

## Programme of Study

Year 12		Year 13	
Unit	Assessment Method	Unit	Assessment Method
Development of practical skills in physics	Internal	Development of practical skills in physics	Internal
Foundations in physics	External	Newtonian world and astrophysics	External
Forces & motion	External	Particles and medical physics	External
Electrons, waves and photons	External		

## Pathways

Physics students have skills that are in high demand in diverse sectors. These include skills relating to numeracy, problem-solving, data analysis and the communication of complex ideas, as well as a wider understanding of how the world works, on a scientific and human level. Past students have ventured into medicine, engineering and computing. With A level physics students have sought after qualification for universities and employers.

## Student Quotes

'I loved maths and science at GCSE, so this was the perfect subject choice for me. It is more demanding but I am enjoying the challenge.'

**Amy**

'You get a much better student/teacher ratio at a level which is really helping my understanding as I can ask questions where there is time for the response. Physics really interests me as it is about how things around us work and what they are made of. I'm looking forward to learning about forces, subatomic particles and space.'

**John**