



PHYSICS



Physics allows you to delve into the laws that explain why everything in the universe – from quasars to Quavers – exists. It explores where energy comes from, how it behaves and how it can be transformed. It's a multi-faceted subject that can lead to a fascinating and fulfilling career

Key Course Information

Assessment

Linear Exams and Practical Assessments

A-level Physics assessments evaluate students' understanding of by combining theoretical knowledge with practical skills. Assessments include a variety of question types, such as multiple choice, short answer, and extended response.

A-level Physics assessments often focus on a context that students can understand and relate to, such as a situation from within or outside the school laboratory. Assessments also test students' ability to apply their knowledge and understanding to familiar and unfamiliar contexts.

Subject Combinations

Connected subjects

Physics requires a strong understanding of scientific principles and mathematical skills. In fact, about 40% of the A-Level exam is focused on mathematics, making it an ideal subject to pair with Physics.

Other STEM courses, including Computing, have distinct overlap with A-Level Physics and lead to related degree courses.

For those aspiring to study architecture or graphic design, Graphics, Art and English are ideal combinations with A-Level Physics.

Progression

Where can Physics take me?

The study of Physics helps us to understand other disciplines, like the earth, agricultural, chemical, biological, and environmental sciences. As well as astrophysics and cosmology. Those qualified in physics are therefore incredibly valuable to society.

A-Level Physics develops strong analytical and research skills, which are in high demand.

Physics is highly respected and valued by universities. It qualifies students for a range of STEM degree courses.

For more information, contact the NIA Science team.

