

WE ARE SCIENCE

AQA A-LEVEL PHYSICS

Understand the universe. Shape tomorrow.

Are you interested in:

- Discovering how the universe works?
- Exploring forces, energy and motion?
- Understanding the technology that powers modern life?
- Developing practical and mathematical skills?
- Solving challenging real-world problems?

Why study Physics?

AQA A-level Physics is a challenging and rewarding qualification that explores the fundamental laws governing the universe. Combining theory, practical investigation and mathematical analysis, Physics develops highly transferable skills that are valued by universities and employers alike. It's an excellent choice if you're interested in technology, engineering and innovation.

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Questions matter



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What will you study?

- Particles and Radiation
- Waves
- Mechanics and Materials
- Electricity
- Thermal Physics
- Fields and Forces
- Nuclear Physics
- Further Mechanics
- Optional Specialist Topics
- Practical Investigations

What skills will you develop?

- Mathematical modelling
- Problem solving
- Data analysis
- Practical investigation
- Critical thinking
- Logical reasoning
- Technical communication
- Analytical skills

Where could an A-level in Physics take you?

You can progress into a broad range of higher education courses and career pathways. Physics develops analytical and problem-solving skills that are highly sought after in engineering, technology, computing, energy, aerospace and scientific research.

Popular degree courses include:

- Physics
- Astrophysics
- Aerospace Engineering
- Mechanical Engineering
- Electrical Engineering
- Computer Science
- Mathematics
- Data Science

A-level Physics Specification at a glance >

AQA Questions matter

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