



# A Level Physics

## What will I study?

Physics is the study of the fundamental principles that govern the natural world. On this course, you'll explore topics such as mechanics, electricity, waves, particle physics, and nuclear physics. You'll investigate how matter and energy interact, and how physical laws explain phenomena from the smallest particles to the largest galaxies. Through practical experiments and theoretical analysis, you'll develop problem-solving skills and scientific thinking that are essential for understanding the universe.

## How will I be assessed?

A Level Physics is assessed by written examinations at the end of the two-year course. There are typically three papers covering core content, practical skills, and data analysis. You'll be tested on your understanding of physical principles, ability to apply mathematical techniques, and interpretation of experimental results. The exam board for this course is AQA.

## What are the entry requirements?

To study A Levels at MK College, including A Level Physics, you must have five GCSEs at grade 5 or above (including English Language at grade 5 and Maths at grade 4), with GCSE Maths at grade 6 and Combined Science at grades 6–6 or equivalent including Physics, and if you are not studying A Level Maths, you will be required to take Core Maths alongside the course.

## Where will this course lead?

A Level Physics provides a strong foundation for university degrees in Physics, Engineering, Mathematics, and related disciplines. It's also valuable preparation for careers in research, technology, aerospace, medicine, and any field requiring logical reasoning and quantitative analysis.

## What combines well with this subject?

Physics complements subjects that involve analytical thinking and mathematical skills. Consider pairing it with: Mathematics, Chemistry, Computer Science, Further Maths, and Design Technology.