



Additional Requirements

- Maths: Grade 7
- Further Maths: Grade 8

Maths & Further Maths

Course Leader

Adam White

Examination Board

Pearson Edexcel

Assessment

Written examinations

What you will study?

A Level Mathematics builds on and extends GCSE knowledge and skills and introduces new ideas, such as calculus and its applications.

It emphasises how mathematical ideas are interconnected and how these ideas can be applied to model situations mathematically.

There is a strong emphasis on logical reasoning and problem-solving and you will learn to use your mathematical skills and techniques to solve challenging problems.

Pure Maths topics include proof, algebra, trigonometry, series, logarithms and calculus. The Applied section will assess knowledge of both statistics and mechanics.

“Mathematics is an exciting and varied course that can open up a lot of opportunities for students. The study of mathematics makes you better at solving problems. It gives you skills that you can use across other subjects and apply in many different job roles.”

Future Pathways

Mathematics is the language of every technical career. Although some students may go on to student university level mathematics, it is a key subject for many STEM careers beyond that. All the employment sectors currently seeing growth (such as engineering & manufacturing, digital, business operations, healthcare, logistics, education and construction). More than 2 million people now work in jobs where mathematics qualifications are essential.

Extra Curricular Opportunities

UKMT Senior Maths Challenge
AMSP enrichment lectures