Maths

Why this course is right for you

The study of Maths at A level builds on the knowledge you acquired during your GCSE studies. However, it also introduces new concepts and ideas developed by some of the most brilliant minds of the past millennium.

Studying A Level Mathematics develops a range of valuable skills, including critical and analytical thinking, problem-solving, attention to detail and resilience. These skills are essential for success both at university and in careers that require analytical thinking and problem-solving abilities.

Beyond A Levels

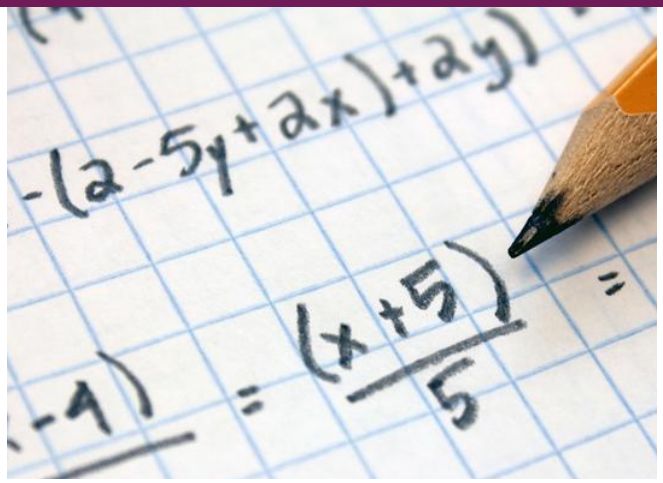
An A Level in Maths is valuable in diverse career paths, including engineering, finance, computer science, data analysis, research, and many others.

A Level Maths also demonstrates your intellectual capabilities, making you an attractive candidate to employers and opening doors to a wide range of rewarding career opportunities.

Going further

If you think you might be interested in maths take a look at the following:

- Numberphile (YouTube channel)
- Fermat's Last Theorem, Simon Singh
- Plus Magazine
- University of Oxford's "The Secrets of Mathematics" (Podcast)
- UKMT Competitions
- Women In STEM (website)
- Trinity A-Level maths website (available via our school website)



Course Content

Exam board: AQA
Head of Department/Faculty : Cat Potter/Erin Rodrigues

Topics covered
- Pure
- Mechanics
- Statistics

Assessment:
At the end of year 2:
100% examination
Pure - 120 minutes
Mechanics - 120 minutes
Statistics - 120 minutes

Additional Experiences

Annual UKMT competitions, both as an individual and as a team

Subject Entry Requirements

Maths: Grade 7 maths GCSE

"What is mathematics? It is only a systematic effort of solving puzzles posed by nature."

Shakuntala Devi