MATHS

SIXTH FORM

COURSE TITLE

A Level Maths

Exam Board: Edexcel

AIMS OF THE COURSE

The aims of the course are to:

- Develop mathematical skills introduced at GCSE.
- Develop transferable skills such as critical thinking, problem solving, and perseverance.
- Gain an appreciation for how mathematics influences the world around us.

WHAT WILL YOU STUDY?

Pure
Algebraic methods,
Trigonometry, Calculus, Vectors.

Applied

Mechanics
Forces and Systems of Forces,
Motion, Projectiles

Statistics
Probability
Data interpretation
Statistical distributions

HOW WILL YOU BE ASSESSED?

You will sit a test every few weeks throughout Year 12 and Year 13 to ensure the skills being taught are understood and embedded.

There are three formal exams at the end of Year 13, two of which cover the pure content and one paper covering the applied content. Each paper is 2 hours long.

WHAT WIDER SKILLS WILL YOU DEVELOP?

- Problem solving and critical thinking
- Independent study skills
- Presentation and clarity of explanation
- Resilience

WHAT ARE THE FUTURE OPTIONS FROM THE COURSE?

A Maths qualification can open up so many doors and is always viewed favourably by potential employers. There are a wide range of careers which maths applies to, in areas ranging from engineering to entertainment. Actuarial sciences, urban planning, accountancy, meteorology, and stockbroker are all potential areas for future study.