



MATHEMATICS

Specification: Edexcel

Do you find Mathematics fascinating? Have you enjoyed studying Maths at GCSE and want to continue your journey further into sixth form?

Mathematics is one of the most popular A-Level choices. It is an extremely attractive qualification to both Universities and future employers. Employees who have exceptional skills in mathematics are invaluable to any company. By studying Maths at A-Level you'll gain and work on skills such as problem solving, logic, statistics and mechanics.

The Maths faculty at Bishop Stopford has an excellent reputation at A-Level and delivers fantastic results each year. If you are prepared to work hard and put the hours in, you have a great chance of doing very well.

PURE MATHEMATICS	STATISTICS	MECHANICS
Proof Algebra, Functions and Graphs Coordinate Geometry Sequences and Series Trigonometry Differentiation Integration Numerical Methods Vectors	Statistical Sampling Data Presentation and Interpretation Probability Statistical Distributions Statistical Hypothesis Testing Interpreting a Large Data Set	Quantities/Units in Mechanics Kinematics Forces and Motion Newton's Laws Moments

The course is suitable for students who:

- Have a love for and a passion for Mathematics
- Possess strong Mathematical fluency and reasoning skills
- Have a strong understanding of the algebraic skills learned at GCSE
- Relish the challenge in solving problems
- Are prepared to work hard and engage in and out of lessons
- Have a grade 7 or above at GCSE

ENRICHMENT

Senior Mathematics Individual and/or Team Challenges

Opportunity to run or partake in a Maths society

Opportunity to attend a Mathematics Christmas Lecture run by the Open University

For further details please contact Mr Ready