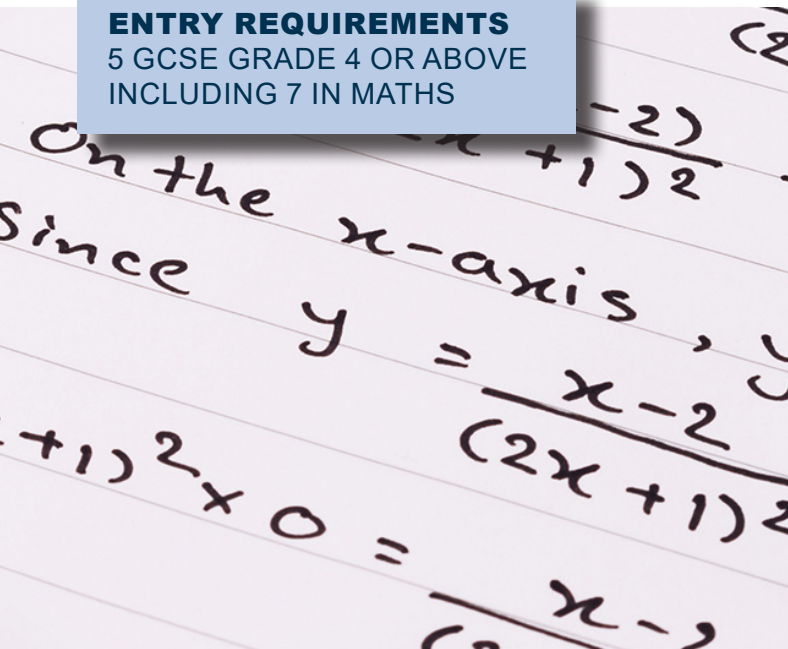


# A LEVEL IN MATHS

## ENTRY REQUIREMENTS

5 GCSE GRADE 4 OR ABOVE  
INCLUDING 7 IN MATHS



## TOPICS STUDIED

- Calculus
- Coordinate geometry
- Sequences & series
- Trigonometry
- Exponential growth & decay
- Statistical distributions
- Probability theory
- Kinetics
- Motion of projectiles
- Forces and Newton's Laws of Motion

## COURSE DESCRIPTION

If Maths gives you a buzz at GCSE and you enjoy solving problems then taking it further could be for you!

Maths is a subject that brings many other subjects together and it is used in a wide range of areas. Maths supports work undertaken in Sciences, as well as subjects such as Psychology, Business and Geography. It is held in high regard by higher education institutions and employers alike.

In A Level Maths you will learn how to analyse a situation, select the methods required and confidently apply them successfully to solve the problem and be able to explain how you have done it. You may have used some of these methods already but at A Level you will be exploring them to a much greater level. You will also be learning new methods such as calculus and probability and accessing online books and resources.

With these tools you will be able to look beyond the classroom and education to the wider world. Methods devised by mathematicians are used in quantum mechanics to create algorithms used by satellites, GPS and population behaviour investigations. Strategies created by mathematicians are used to cure diseases. There is so much more to explore and discover!

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WHAT I ENJOYED MOST  
WAS THE LIFELONG  
RELATIONSHIPS I MADE  
AT S6C, NOT ONLY WITH  
FRIENDS WHO I BELIEVE  
WILL BE FRIENDS I'LL HAVE  
FOR LIFE, BUT WITH MY  
TEACHERS AS WELL WHO I  
WILL NEVER FORGET.  
S6C GRADUATE

100 % EXAMS

UP TO 56 UCAS  
POINTS