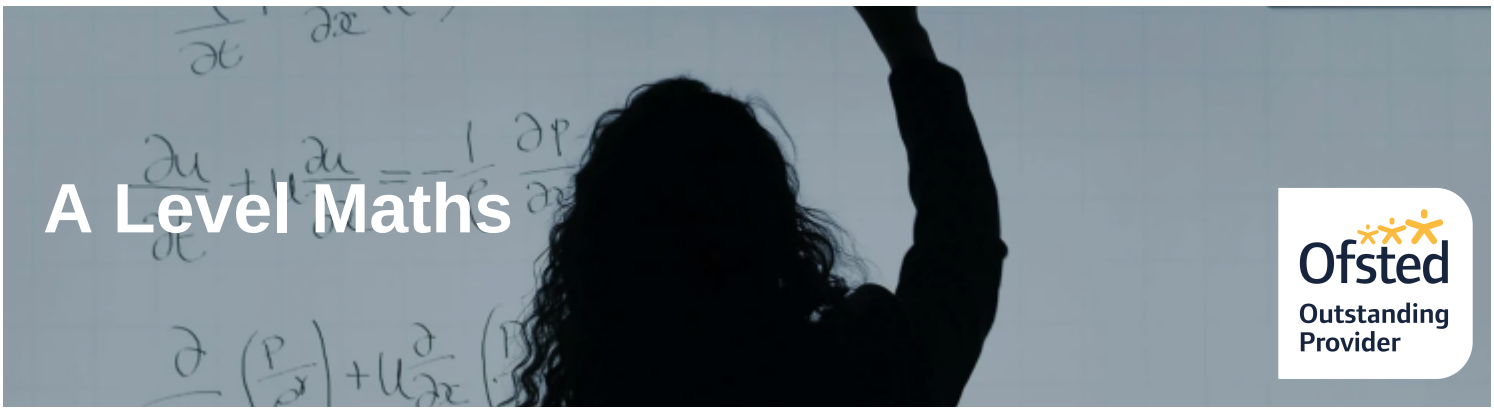


A Level Maths

Ofsted Outstanding Provider

Course Level: Level 3 | **Campus: Newcastle** | **Subject Type: Science & Maths**

Course Overview:

Dive into the fascinating world of numbers, patterns, and problem-solving with our A Level Maths course. Through study, collaborative problem-solving, and practical exercises, students develop the analytical skills and mathematical fluency to succeed in a variety of fields.

What's Covered:

Maths is a challenging and stimulating subject and good Maths skills lay the foundations for many different careers. The course offers you the chance to build upon existing mathematical knowledge from GCSE in addition to extending into areas such as Mechanics and Statistics. It provides an excellent foundation for higher level study in a wide variety of subjects and is a highly sought-after qualification. The course will cover aspects of three areas in Maths: Pure Maths, Mechanics and Statistics. You can find detailed information on the website: edexcel.co.uk

Year 1:
Algebra, Trigonometry, Geometry and Calculus are all examples of Pure Maths topics in the first year. In Mechanics you will look at topics such as Motion In 1 Dimension. In Statistics you will look at topics such as Hypothesis Testing.

Year 2:
Numerical Methods, Parametric Equations and Further Calculus are all examples of topics you will study in the second year. In Mechanics, you will also look at topics such as Motion In 2 Dimensions. In Statistics, you will also look at topics such as The Normal Distribution and Conditional Probability.

In addition to lectures and teacher support the course places an emphasis on self-study. We provide you with access to various websites, which is excellent for distance learning too. There are videos and worked examples on the website to help you learn. During the course there are several written assessments in addition to the verbal feedback that you receive from your teacher.

A Level Maths combines well with A Level Computer Science, Physics, Chemistry, Further Maths and Biology.

NSCG is a great environment for learning Maths. We have a highly dedicated team with vast experience of teaching A Level students. We also provide support for MAT prospects. Highly motivated/interested students are encouraged to enter AEA (Advanced Extension Award) in Maths.

Entry Requirements:

You will need a minimum of five GCSEs at grade 5 or above including maths and English Language, in subjects relevant to your A Level or A+ Programme subject choices. You should also have GCSE grade 6 or above in Maths, and an average point score of 6.0 or above.

Assessment Information:
The examining body that we use is Edexcel. It is intended that there will be three exam papers at the end of the second year. There is no coursework element.

62.2%

achieved A*-C in 2026

Fees and Financial Support:

This course is free for anyone aged 16 – 18.

College Maintenance Allowance (CMA):
Anyone with a gross household income under £35,000 can receive financial support to cover college related costs such as transport, meals, course equipment and uniform. Bursary support is based on individual circumstances and will be allocated to best suit your individual needs. A range of other financial support is available depending on your personal circumstances. For more details visit nscg.ac.uk/finance

Progression:
Maths is a highly regarded A Level and many doors of opportunity are open to you if you gain a qualification in this subject. Many of our students go on to university to read subjects such as engineering, mathematics, economics, computer studies and law but there are also students who use the qualification to give them an edge in gaining employment and/or apprenticeships.

What else do I need to know?
Think of what you're capable of. Then think beyond it.

Step up to a top university or move into a competitive programme like Medicine or Law with our Honours Programme. Perfect for ambitious and high-achieving students.

The Honours Programme is an additional pathway for students whose aspirations are to progress onto highly competitive courses at top universities, such as those in the Russell Group. Once accepted onto the programme, you'll be expected to commit extra time every week to this intensive support pathway.

Find out more
here

How do I find out more?

If you wish to find out more you can contact Nathan Jones, Head of Subject on:
mailto:nathan.jones@nscg.ac.uk