

# A LEVEL MATHS

Open Evening

# WHAT TO EXPECT IN A LEVEL MATHEMATICS

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- A two-year qualification
- All students sit an internal end of year exam in Y12
  - One 2-hour Pure paper
  - One 75 min Applied paper
- Lessons split between 2 teachers (60% pure, 40% applied)
- Exams at the end of Y13 on all content taught
  - Two 2-hour Pure papers
  - One 2 hour Applied paper

# CONTENT IN A LEVEL MATHEMATICS

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- Pure content includes
  - Calculus
  - Advanced Trigonometry
  - Algebra
- Applied (Stats and Mechanics) content includes
  - Statistical distributions
  - Regression
  - Moments

# PROSPECTS FROM A LEVEL MATHEMATICS

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We have a very strong track record for results.

In 2022/23:

- 25% A\* – A
- 100% A\* – E

# PROSPECTS FROM A LEVEL MATHEMATICS

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- Educational prospects from a qualification in A-Level Maths
  - Apprenticeships i.e. PwC, Yorkshire Bank, degrees in economics, social sciences, medicine, veterinary etc.
- Career prospects from a qualification in A-Level Maths
  - Actuary, accountant, teacher, engineer, statistics and analytics

# PROSPECTS FROM A LEVEL MATHEMATICS

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## Recent success stories

- Jack Zito - Maths - Uni of Leeds
- Mackenzie Lister - Apprenticeship at PwC
- Robbie Tempest - Maths - Uni of York
- Ellie Christianson - Aeronautical Science - Uni of Leeds
- Billy Firth - Structural and Civil Engineering - Uni of Newcastle
- Mollie Spittal - Medicine - St Andrews
- Misha Chand - Medicine - Uni of Hull
- Lewis Firth - Maths - Oxford
- Megan Woolias - Law- Oxford
- Matthew Taylor - Philosophy - Oxford

# FURTHER MATHS

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- Appropriate for students who wants to study further education in a mathematical area or enter a mathematical career.
- Further Maths includes pure, statistics and decision
- Content is taught alongside single Maths
- A2 exams in Y13
- Four 90 minutes exams

# WHY A-LEVEL MATHEMATICS?

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Why Maths?

- You need it for your career
- You enjoy it
- You have been successful at Maths
- It supports other subjects



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Why doesn't everyone do Maths?

- Not everyone needs it to this level
- It is one of the most difficult subjects

# WHAT CAN YOU BE DOING NOW?

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You need to be aiming for at least a grade 7

- Make sure you attain the highest possible grade in GCSE Maths you can, it's a big step up from GCSE higher.
- We have plenty of resources for current Y11s
  - [Sparxmaths.com](https://www.sparxmaths.com)
  - [DrFrostMaths.com](https://www.drfrstmaths.com)
  - [Onmaths.com](https://www.onmaths.com)
- Practice, practice, practice. The more fluent you are the better your chances.
- Algebra! Students who are proficient in Algebra tend to do better at Maths post 16.