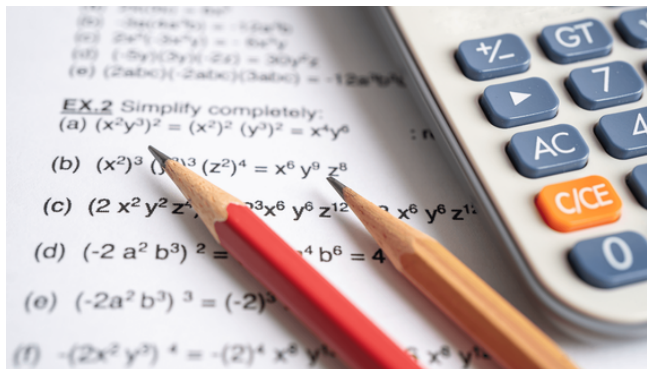
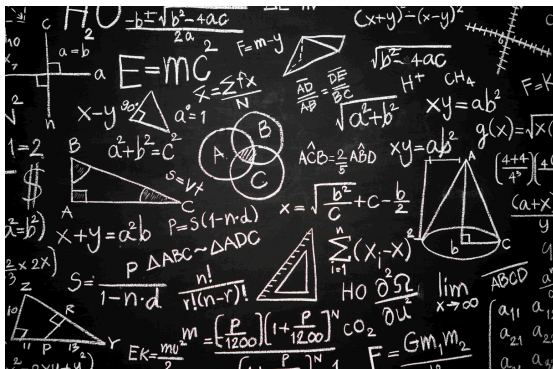

Maths

Edexcel A Level in Mathematics



Course Description

A-level Maths provides students with a thorough grounding in the mathematical tools and techniques often needed in the workplace. The logic and reasoning skills developed by studying A-level Maths make sure the qualification is widely respected even in non-mathematical arenas.

The new AS and A-level Maths content is 100% prescribed, containing both pure and applied maths. The applied content for AS and A-level Maths is drawn from statistics and mechanics.

Methods of Assessment

Three papers at the end of Year 13:

- Pure 1
- Pure 2
- Statistics and Mechanics

Progression

A-level Maths provides a broad base for students wishing to go on to study mathematics at university. The course helps students to understand mathematical processes in a way that promotes confidence, fosters enjoyment and provides a strong foundation for progress to further study at university. Students will be able to apply mathematics in other fields of study and be aware of the relevance of mathematics to the world of work and to situations in society in general. They will use their mathematical knowledge to make logical and reasoned decisions in solving problems both within pure mathematics and in a variety of contexts, and communicate the mathematical rationale for these decisions clearly.

Student Testimonial - Ethan



Through studying A level maths at Barnwell, I have gained confidence in tackling challenging problems in unfamiliar scenarios. I have also been able to contextualise concepts from other STEM subjects through more complex graph plotting. To me, the way that A level maths overlaps many other A levels cements it as a subject which opens the door to many undergraduate courses. For this reason, 12% of sixth form students take A level maths.

Class of 2024-25



SIXTH FORM

Where are they now?



Anisa A.
University of Hertfordshire
Business



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Where are they now?



Tyler R.
Cardiff University
Maths



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Where are they now?



Ardi J.
University of Warwick
Engineering



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Where are they now?



Oliver I-T.
University of Hertfordshire
Astrophysics



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Where are they now?



Shahzaib B.
Apprenticeship
Finance



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Where are they now?



Blu A.
University of Brighton
Mechanical Engineering