

Mathematics

This highly regarded and enjoyable A Level will impress any future employer and prepare you for further study in a wide range of disciplines involving the use of Maths.

We are very proud of our Maths students' outstanding record of achievement over many years.

You will receive first class tuition using a variety of teaching strategies.

We also offer an excellent support programme too.

WHAT YOU WILL STUDY

- The A Level builds on what you learnt at GCSE level (number, algebra, graphs, trigonometry)
- Introduction to calculus and its applications
- How mathematical ideas are interconnected
- How to make sense of data, to understand the physical world
- How to solve problems in a variety of contexts

ASSESSMENTS

Three exams at the end of the second year of study.

SUPPORTING YOU

- Your individual needs are continually assessed and monitored throughout the year.
- Formal tutorials are then put in place to address any specific problems you may be having.
- At exams time, the department runs a series of comprehensive revision sessions.
- No Maths students are ever struggling for support

PROGRESSION

Maths can lead to a wide range of courses in both further and higher education.

There are many other diverse areas where mathematical skills are recognised as invaluable and essential.

If you are planning to study a mathematics based course at university, we recommend you also study A Level Further Maths too.

Imagine what you can become

Analyst → Financial Manager → Accountant

Meteorologist → Scientist → Teacher

CAD Technician → Civil Servant



Olympic Stadium, Beijing

Extra-curricular

Problem Solving Workshops

Competitions including UKMT Senior Maths Challenge and Liverpool Maths Society Pop Maths Quiz

Maths Workshop with a professor from Oxford University

Extension paper support for students wanting to study at competitive institutions and need to take an admissions test

Educational Talks about mathematical careers



Talk delivered by Dr Tom Crawford

2023 RESULTS

A* - B 59% / A* - C 79% / Overall Pass Rate 99%

SCAN HERE

FOR FULL COURSE DETAILS



EXAM BOARD

PEARSON



My Experience

“I love Maths at Carmel as it is challenging but also rewarding. Regular progress assessments are useful for discovering weaknesses and gaps in your knowledge.

We’ve been to Chester to attend talks on how Maths can save the world and I’ve also been fortunate to attend an engineering residential in Oxford.

The best thing is the teachers. They make lessons engaging and are extremely supportive, helping to build your confidence.

After Carmel I plan to study Physics or Engineering at a top university.”



Omar Zebibo

BYRCHALL HIGH SCHOOL
MATHS, FURTHER MATHS, PHYSICS,
GEOGRAPHY

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college

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Be sociable.

