

HIVE Sixth Form Countesthorpe Academy



Maths

Inspiration
Perseverance
Excellence

Maths

The Mathematics department is staffed by a team of dedicated and highly qualified mathematics specialists delivering an exciting and stimulating course.

Why study this course?

Studying Mathematics will:

- Provide stimulation and challenge.
- Develop key employability skills such as problem-solving, logical reasoning, communication and resilience.
- Lead to a versatile qualification that is well-respected by employers and higher education.

Aims of the course

The aims and objectives of this qualification are to enable students to:

- Understand mathematics and mathematical processes in a way that promotes confidence and fosters enjoyment.
- Extend their range of mathematical skills and techniques, understand progression in mathematics and how different areas of mathematics are connected.
- Construct mathematical proofs.
- Recognise when mathematics can be used to analyse and solve a problem in context.
- Take increasing responsibility for their own learning and the evaluation of their own mathematical development.

Course outline

The Edexcel Level 3 Advanced GCE in Mathematics consists of three externally examined papers.

Students must complete all assessment in May/June in any single year.

The first 2 papers focus on Pure Mathematics and the third looks at the applied units of Statistics and Mechanics.

How am I assessed?

Progress is monitored by regular synoptic tests and assessed homework. There are also mock exams for each module as the time for exams approaches.

There are 3 equally weighted exams at the end of the course.

Where does this course lead?

Universities welcome this subject for applications to study a wide range of degree courses.

Career opportunities include:

Engineering, Business, Finance, Medicine, Statistics Teaching, Lecturing, Law, Technology, Computing, Science.

Learn more at Countesthorpe.org.uk

Be the best you can be

