

# CORE MATHS

EXAM BOARD: AQA



## WHAT WILL I STUDY?

Core mathematics is a new qualification designed to support students who wish to take a degree or apprenticeship that will require them to be proficient in statistical analysis, financial mathematics, problem solving and estimation. All of these skills are studied for a year in order to gain an additional qualification equivalent to an AS grade alongside your choice of three A levels. The course covers a broad and exciting range of applied mathematics that will mean students have a mathematical advantage for the next stages of their academic careers. This course will be delivered for one year as an additional qualification to your three A Levels.

### Core Maths Content:

The content of the qualification is delivered through extended project work alongside teaching looking through various industries such as sport, health and economics data, among many others. The four key areas of content are:

- Applications of statistics
- Probability
- Linear Programming
- Sequences and growth

There is a heavy focus on financial mathematics, and the course aims to carry the majority of its content over from GCSE mathematics with 20% of the new content being taken from the A Level specification.

## HOW WILL I BE ASSESSED?

There are two external assessments of 1 hour 40 minutes. The examination is split into two sections and has some pre release material for students to familiarise themselves with.

## MINIMUM GCSE REQUIREMENTS

- Maths grade 5

## POSSIBLE PROGRESSION PATHWAYS

Studying core maths will enable students to progress on to a variety of higher education programmes, apprenticeships or into full-time employment.

Many students now take core maths as an additional qualification in order to prepare them for many non maths based degrees such as sciences, social sciences, geography, or economics. The course is designed to support you with the mathematical content of these degrees.