

MATHEMATICS

Type of Qualification: GCSE (AQA)

How it is assessed: 100% Examination

Course Overview:

Students will encounter the following strands of Mathematics during their GCSE course:

- Number
- Algebra
- Ratio, proportion and rates of change
- Geometry and measures
- Probability
- Statistics.

In the new GCSE there is an emphasis upon the application of each of the skills learned within the topic areas and then upon problem solving by utilising a range of these skills. The course will encourage students to represent, analyse, interpret, evaluate and reflect.

Students will sit three examinations, each lasting one hour and thirty minutes:

- Paper one is a non-calculator paper and;
- papers two and three allow the use of calculators.

Each paper has an equal weighting for the student's final grade. Students will study the higher or foundation tier for all three papers and these papers must be sat in one series.

Beyond Year 11:

The current guidance for those students who do not gain a grade 5 at GCSE in Summer 2019 is that the student will need to continue studying for the grade 5 in Maths during their post 16 studies, regardless of the course they choose.

A GCSE in Maths will demonstrate that the student is numerate and has access to a wide range of transferable skills. Most areas of study and most employers will value this highly. It is anticipated that a GCSE Maths (9-1) grade of 5 or above will be needed for most universities.

