

MATHEMATICS - Core

Examination Board: AQA

Scheme: National Curriculum with internal assessment



Syllabus Content:

The aim of the course is to promote the development of mathematical knowledge and oral, written and practical skills which can be applied in everyday situations.

The syllabus relates directly to the Programme of Study for Key Stage Four of the National Curriculum for Mathematics. It includes a basic core of Number, Algebra, Shape, Space and Measures, and Handling Data. Analysing problems, selecting strategies and applying mathematical techniques are prominent features of the work. You are expected to perform calculations by suitable methods. A scientific calculator is essential and you will also be given the opportunity to use ICT skills as appropriate.

Assessment:

We currently take the modular option of the GCSE Mathematics exam which means that you will take three separate modules. The modules are:

Statistics	worth 18% of the total mark
Number	worth 27% of the total mark
Shape, Space, Measuring and Algebra	worth 55% of the total mark.

The exams are taken at different points of entry throughout the course. Each exam will consist of a calculator and a non-calculator section.

20% of the total written paper assessment will be devoted to the use and application of mathematics and candidates will be expected to demonstrate their understanding by analysing problems and explaining how they have arrived at a solution.

Differentiation:

You are taught in sets and entered at one of the following tiers, according to your ability as it develops through the course.

There are two tiers of entry for GCSE Mathematics, Higher and Foundation.

The range of grades available in each tier is shown below:

Higher Tier	Grades available	A* - D
Foundation Tier	Grades available	C - G

For further information please contact Mr K Smith