What will I Study? - A Description of the Course

The course you will study builds upon the foundations you have laid down with your work in the Key Stage 3 programme.

The Mathematics Course in Year 10 & Year 11 is broadly arranged into 4 groups of topics or strands:

They are: **Number, Algebra & Graphs, Shape & Space, Handling Data (including Probability)**

For all students, the Mathematics GCSE Course is the EdExcel International GCSE Specification 4MA0 at the Higher Tier. Each of these is examined by two 2 hour written papers, weighted 50% each. The use of a calculator is permitted in both papers. Students are taught in 4 parallel ability 'top sets', targeting grades A and A*, with two support sets targeting grades A, B and C where appropriate.

For a small number of students, it may be appropriate for students to be assessed at the Foundation Tier, but this would be after discussion with parents.

Grades attainable (2015-16) are: A*, A, B, C & D at the Higher Tier, and C, D, E, F & G at the Foundation Tier.
From September 2016 the new 9-1 Grading system will be introduced.

What could I go on to do? - Benefits of the Course & Qualification

The skills you develop in studying Mathematics at GCSE, and later possibly at A level, are transferrable into almost any career path. The obvious skills of organisation, logical thought and the ability to solve problems are supplemented by more subtle developments as you learn to apply your knowledge in unfamiliar areas and think more deeply about the way that we use numbers, algebra, shape and space, data and probability in the everyday world. Careers for which a good Mathematics GCSE qualification is essential include all scientific disciplines, computer science, engineering, accountancy, actuarial work, operational research, logistics, astronomy, architecture, dentistry, finance, medicine, teaching ... more information is available at

www.mathscareers.org.uk/maths.cfm

Which Exam Board and Specification?

EdExcel International GCSE Specification [4MA0]

What are the Coursework Requirements?

There is no Coursework Requirement.