

## Course Information - Maths

AQA Mathematics is a compulsory subject and the majority of students are entered for the GCSE examination. In September 2015 a new GCSE Mathematics course was introduced, students achieve results from grade 1 up to grade 9. Mathematics is for everyone, it is diverse, engaging and essential in equipping students with the right skills to reach their future destination

The course has been organised into the following areas

Number

Algebra

Ratio, proportion and rates of change

Geometry and measures

Probability

Statistics

Alongside formal written and learning tasks, students will do practical activities and play games that encourage the use of mental strategies. In tackling the demands of this subject most students find that mathematics is not only useful but also satisfying and enjoyable in its own right.

Mathematics has two tiers

Foundation (grades 1 – 5)

Higher (grades 4 – 9)

The subject is assessed through examination only.

Students will sit three 1½ hour papers.

One paper is a non-calculator paper.

Each exam paper is worth 80 marks and will consist of a mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as student progress through the paper.

Mathematics is used in all walks of life. For a wide variety of jobs and careers, you need to have achieved at least a grade 5 at GCSE, you will also need this grade if you want to go to University. Students who study Mathematics at GCSE and beyond could become – Architects, Doctors, Teachers, Bankers, Photographers, Shop Workers, Statisticians, Computer Game Designers, Engineers, Accountants, Decorators .... The list is endless as most people will use Mathematics at home and at work.

