

## Course Aims

The course aims to develop confidence and enjoyment of mathematics.

It provides students with the ability to apply mathematics in other subjects and everyday situations. Employers, colleges and universities regard a student's GCSE mathematics grade as an important indicator of potential success.

## What you will study

Students started this GCSE course in Year 9 and will continue to study the major areas of mathematics: Number, Algebra, Geometry and Data Handling.

During the remainder of the three year course, there is an emphasis on problem solving and applying mathematics to real-life situations.

Students will continue to develop their mathematical skills both with and without the use of a calculator.

To support their learning each student can access an appropriate course text book and interactive resources at home via the school website.

AQA Text Book - Higher ISBN 978-0-00-759734-5  
 - Foundation ISBN 978-0-00-759743-7

Both written and online homework is set regularly.

We encourage students to develop mathematical ideas creatively and also to apply their knowledge to practical problems.

"Mathematics transcends cultural boundaries and its importance is universally recognised." (*Qualifications and Curriculum Authority 2007*)

## The Facts

Subject	Level	Exam Board	Time Allocation	Assessment	Access to grades
Mathematics	GCSE	AQA Course Code 8300	5 lessons per week in years 10 and 11.	<u>Examinations</u> 3 x 1½ hour exams, examining the entire course at the end of Year 11.	Foundation tier 5-1 or Higher tier 9-3

### Further study and future careers

A GCSE in Mathematics is an essential qualification for the future. The skills acquired are a firm basis on which to build for further and higher education, employment and life-long learning.

Access to many further and higher education courses, plus certain career paths (such as teaching) are likely to be dependent on a new grade 5 in GCSE Mathematics.

**For further information talk to  
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