



# GCSE Mathematics

- CORE COMPULSORY
- NON-QUALIFICATION
- OPTION
- EBACC SUBJECT

Examination board: Pearson Edexcel

Course Code: 1MA1

Subject contact: Miss R. Harris, Curriculum Leader for Mathematics

## Course Description

Mathematics encourages you to develop confidence in, and have a positive attitude towards, mathematics. You will recognise the importance of mathematics in your own lives and to society. This qualification prepares you to make informed decisions about the use of technology, the management of money, further learning opportunities and career choices.

You will cover a wide variety of topics such as:

- numbers and measures
- algebra
- ratio, proportion and rates of change
- geometry and measures
- probability

You will be expected to use and apply your knowledge through a range of investigations in lessons and tests.

- acquire and use problem-solving strategies
- select and apply mathematical techniques and methods in mathematical, every day and real-world situations
- reason mathematically, make deductions and inferences and draw conclusions
- interpret and communicate mathematical information in a variety of forms appropriate to the information and context.

## Entry Requirements

None

## Key Skills

Application of number, interpretation, working with others, communication, problem solving, mathematical reasoning, deduction and inference and drawing conclusion.

## Cost

Pearson Edexcel GCSE (9-1)  
Maths Higher Tier Revision  
Workbook  
ISBN: **1292210885**  
Pearson Edexcel GCSE (9-1)  
Maths Foundation Tier Revision  
Workbook  
ISBN: **1447987926**

## Assessment

100% 3x 1 hour 30-minute exams in the Summer of Year 11

All GCSEs are now 'linear' meaning that all exams must be taken at the end of the course.

Paper 1 will be a non-calculator exam and Papers 2 and 3 will be calculator exams.

Students will be entered into either the Foundation or the Higher Tier, depending on their ability.

## Careers

Accountancy, Business, Computing, Communications, Construction, Engineering, Government (e.g. GCHQ), Finance, Healthcare, Insurance, Manufacturing, Media, Operational Research, Recruitment, Academic Research, Science and more.

## Further education opportunities

GCSE Mathematics provides access to numerate AS and A Levels, such as: Mathematics, Further Mathematics, the Sciences, Geography and other qualifications which require mathematical skills, knowledge and understanding.

## Enrichment and Support

Exam revision sessions.  
Separate Additional Maths qualification offered to most able mathematicians.