



# GCSE Mathematics



This is a compulsory course for all pupils.

## Why study Mathematics?

Mathematics is one of the best subjects to develop your analytical, research and problem-solving skills. Not only will studying Mathematics help give you the knowledge to tackle scientific, mechanical, coding and abstract problems, it will also help you develop logic to tackle everyday issues like planning projects, managing budgets and even debating effectively.

Exam Board:

edexcel

## Overview of course content (specification code: 1MA1)

### Topics Studied

Throughout this course, you will study a number of topics:

#### Number

Structure and Calculation  
Fractions, Decimals and Percentages  
Measures and Accuracy

#### Algebra

Notation, Vocabulary and Manipulation  
Graphs  
Solving Equations and Inequalities  
Sequences

#### Ratio, Proportion and Rates of change

#### Geometry and Measures

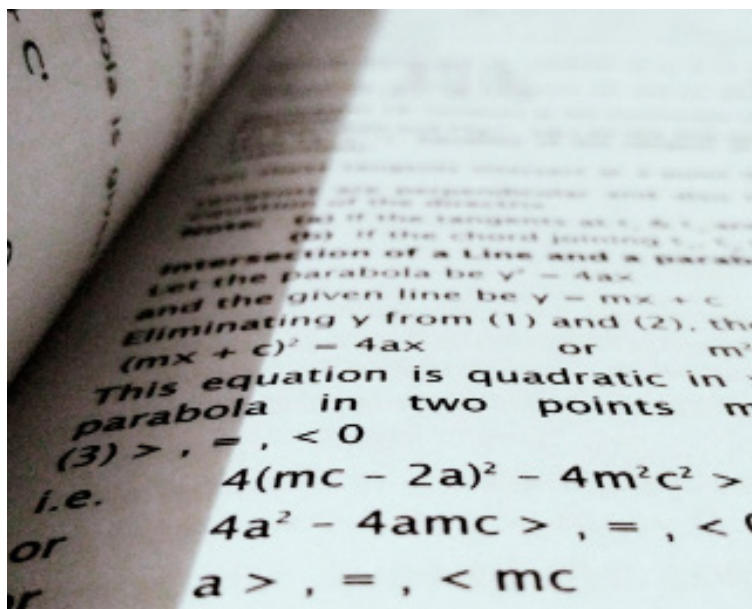
Properties and Constructions  
Mensuration and Calculation  
Vectors

#### Probability and Statistics

### Examination and Assessment

Examination details listed below apply to both Foundation and Higher Tier.

| Examination  | % of GCSE |
|--|-----------|
| <b>Paper 1: Non-calculator</b><br><br>Assessed on Number, Algebra, Ratio, Proportion and Rates of Change, Geometry and Measures, Probability and Statistics.<br><br>Exam duration: 1 hour 30 minutes<br>(80 marks) | 33.33%    |
| <b>Paper 2: Calculator</b><br><br>Assessed on Number, Algebra, Ratio, Proportion and Rates of Change, Geometry and Measures, Probability and Statistics.<br><br>Exam duration: 1 hour 30 minutes<br>(80 marks)     | 33.33%    |
| <b>Paper 3: Calculator</b><br><br>Assessed on Number, Algebra, Ratio, Proportion and Rates of Change, Geometry and Measures, Probability and Statistics.<br><br>Exam duration: 1 hour 30 minutes<br>(80 marks)     | 33.33%    |



If you have any questions, please contact:  
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