



## GCSE Mathematics

Course: **The Pearson Edexcel GCSE in Maths (9-1/1MA1)**

Length of Course: **2 Years**

Number of Lessons per fortnight: **8**

Assessment: **3 externally marked exam papers**

**Mathematics is a Core subject in the GCSE curriculum  
A grade 4 in Maths is a minimum requirement for further studies or employment.**

The GCSE course focuses on using and applying mathematics in the following areas:

- **Number** – including fractions, decimals, percentages, ratio, proportion, standard form
- **Algebra** – including indices, surds, graphs and their gradients, solving equations, sequences
- **Geometry** – including constructions, Pythagoras' theorem, trigonometry, circle theorems, vectors
- **Measures** – including maps and scale drawings, conversions, bearings, compound measures
- **Probability** – including theoretical probability, tree diagrams, Venn diagrams
- **Statistics** – including collecting & processing data, histograms, frequency polygons

**How many examinations are there?**

- There are **3 papers: 1 non-calculator and 2 calculator (each 1 ½ hours)**. Each paper is worth **80 marks** so in total there are **240 marks** available.

### Progression

Students can progress from this qualification to Level 3 qualifications in numerate disciplines, such as:

- Core Mathematics
- GCE Mathematics and GCE Further Mathematics
- GCEs in the sciences
- GCE Geography
- GCE Psychology
- GCE Economics
- other qualifications that require mathematical skills, knowledge and understanding.

There is a clear progression path from Foundation tier to Higher tier within this qualification.

This qualification also supports further training and employment where mathematical skills are required.

