



# Mathematics



Pearson EdExcel Level 1/Level 2  
GCSE (9-1) in Mathematics (1MA1)

## GCSE (9-1) MATHEMATICS

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### Exam Structure

The course consists of three examinations, all at the end of Year 11. Each examination is 1 ½ hours in length and can have any of the topics upon it.

The first paper is a non-calculator paper, whilst both the others allow a calculator to be used.

There are two tiers of entry Higher (grades 9-4) and Foundation (5-1). The final tier of entry is decided in the Spring term of Year 11.

### What will I study in GCSE Mathematics?

The GCSE Mathematics course comprises six areas:

1. Number  
Structure, calculation, fractions, decimals, percentages, measures, accuracy
2. Algebra  
Notation, vocabulary, manipulation, graphs, solving equations and inequalities, sequences
3. Ratio, proportion and rates of change
4. Geometry and measures  
Properties, constructions, mensuration and calculation, vectors
5. Probability

### 6. Statistics

#### What skills can I gain from studying Mathematics?

There are a wide variety of skills that can be acquired, including the abilities:

- Develop fluent knowledge skills and understanding of mathematical methods and concepts
- Acquire, select and apply mathematical techniques to solve problems
- Reason mathematically, make deductions and inferences, and draw conclusions
- Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context.

#### What career paths would Mathematics be suitable for?

Mathematics opens the door to almost every career. Obviously there are the number-based (including financial) careers such as

Accountancy, Economics, Financial Management, Statistics, IT, Computer Gaming, etc.

### Subject Combinations

**Mathematics would go well with:**  
Business / Science /Design  
Technology and ICT



**Website**  
<http://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html>