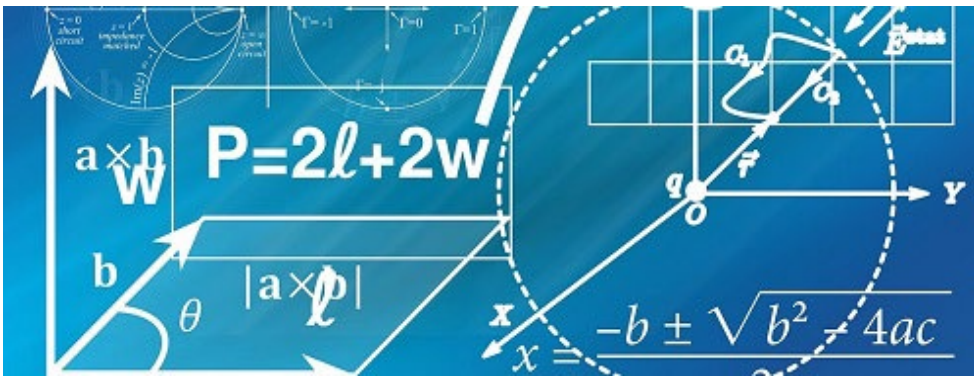


GCSE Mathematics



Career Options

Mathematics is required by most employers in the majority of career paths including: Engineering, Surveying, Science related fields, Education, Accounting, Management, and many more

Subject Content

GCSE Mathematics subject content has been designed to ensure that all students will develop confidence and competence with both the basic foundation content and the additional foundation content. More highly attaining students will develop confidence and competence with all of the foundation work and the higher content.

The content is organised into broad topic areas:

1. Number
2. Algebra
3. Ratio, proportion and rates of change
4. Geometry
5. Probability
6. Statistics

The subject content will be delivered in a way that will allow all pupils to

1. use and apply standard techniques,
2. reason, interpret and communicate mathematically
3. solve problems within mathematics and in other contexts

Assessment Information

Qualification aims and objectives

All pupils will study for GCSE Mathematics. The course will enable all pupils to

- develop fluency, 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.

Tier of entry will be decided during year 11. All pupils will be entered for GCSE Mathematics at the tier that will maximise their final grade.

Assessment

Assessment at the end of Year 11 will consist of three external exam papers.

Paper 1 – Non Calculator – 1 hour and 30 mins

Paper 2 & 3 – Calculator – 1 hour and 30 mins

Tiers: Higher (Grades 9-4) *
Foundation (Grades 5-1)

Percentage of marks: 100% exam

Exam Board: AQA/OCR

Why Study ...?

GCSE Mathematics is highly valued by employers and is often a key requirement for entry into apprenticeships, further and higher education. You will further develop your fluency, reasoning and analytical skills. These skills will be invaluable in your life beyond school.

Key Contact: Mr Temple