

SUBJECT:

MATHEMATICS

Head of Department: Mr Seddon

GCSE

Exam Board: AQA

COURSE DESCRIPTION

The Mathematics GCSE should enable students to:

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

Assessment

Exam Board: AQA

The subject content of this specification is common to all awarding bodies and is consistent with the statutory Programme of study for mathematics in Key Stage 4 for England.

As all content can be assessed on any examination paper within this specification, some questions will draw together elements of content from different topic areas.

Paper 1: Written paper (Non-Calculator)

1 hour and 30 minutes, 80 marks, non-calculator, 33.3% of the assessment

Paper 2: Written paper (Calculator)

1 hour and 30 minutes, 80 marks, calculator allowed, 33.3% of the assessment

Paper 3: Written paper (Calculator)

1 hour and 30 minutes, 80 marks, calculator allowed, 33.3% of the assessment

Foundation Tier grades 1 – 5

Higher Tier grades 4 – 9

Subject Teachers

Mr Seddon (Head of Mathematics)

Mr Hedge (2nd in Mathematics)

Mrs Cropper (Assistant Headteacher)

Mr Barnes (Assistant Headteacher)

Mr Pyatt (Progress Leader Year 11)

Mr Fannon (Progress Leader Year 10)

Mrs Connor

Mr Pacer

Mr Wong

Higher Education Courses/Careers

College: **GCE A Level Mathematics** **GCE A Level Further Mathematics** **GCE A Level Statistics**

University:

A degree in Mathematics does not train you for a specific job. It is a versatile qualification that gives you a range of skills, which can enable you to enter a wide range of careers. Careers for which a degree in Mathematics is either essential or a strong advantage could be grouped as: scientific research, engineering, design and development, finance, management services, computer games design, cryptanalyst, statistical work and teaching.

