Mathematics

GCSE Core Qualification

Course Leader: **Mr Daw**

Successful learner profile

- Is an excellent problem solver.
- Has an analytical approach and is able to apply Mathematics in the real world.
- Is able to use a calculator efficiently.
- Has a good understanding of the Key Stage 3 curriculum.

All about this core qualification

- If you are thinking of looking for a job or further study, Maths is a great subject - in fact, it is one of the most important subjects you will take. This is because the ability to understand and manipulate numbers and mathematical concepts is extremely useful for almost any job. There is always a demand for employees who can think logically and process information accurately - skills which a GCSE in Maths will teach you. A good pass in Mathematics is an entry requirement for many Post 16 courses.
- Maths is an integral part of achieving the English Baccalaureate.

What will you study?

- You will develop knowledge, skills and understanding of mathematical methods and concepts, including: Number, Algebra, Geometry, Measures, Statistics, Probability.
- You will use your knowledge and understanding to make connections between mathematical concepts.
- You will be able to apply the functional elements of Mathematics in every day and real-life situations.
- You will acquire and use problem-solving strategies and be able to select and apply mathematical techniques and methods in mathematical, every day and real-world situations.

How will you be assessed?

- Examination (100%).
- Three written papers each paper counts as one third of the qualification.
- Each paper lasts 1 hour 30 minutes.
- Each paper contains 80 marks.
- Paper 1 Non-calculator, Paper 2 Calculator, Paper 3 Calculator.
- Foundation tier covers grades 1-5, Higher tier covers grades 4-9.

Possible progression to post 16 study

- Students who achieve a grade 7 or highter in GCSE Mathematics may continue to study A Level Mathematics.
- Students achieving a high 'B' grade will also be considered on an individual basis.

Weblinks

- vle.mathswatch.com www.mathscareers.org.uk www.edexcel.com