

| **Mathematics GCSE** | |
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| **Course Overview** | |
| **The GCSE specification in mathematics aims to 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 and inferences and draw conclusions  4. Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context.  **The content is split into the following strands:**  Number, Algebra, Ratio, Proportion and Rates of Change, Geometry and Measures, Probability and Statistics. | |
| **Assessment** | |
| **Exam Board - Pearson Edexcel (1MA1)**  3 x Exams - All 1 hour 30 mins  Paper 1 - Non Calculator (80 Marks)  Paper 2 - Calculator (80 Marks)  Paper 3 - Calculator (80 Marks)  The scores for each of the papers are added together and then an overall grade is awarded.  All papers will contain a mixture of questions from all strands of the course.  For the foundation course - Students will be awarded a grade 1 - 5  For the Higher Course - Students will be awarded a grade 4 - 9 | |
| **Awarding Body** | |
| Edexcel | |
| **Possible Careers in the Subject** | |
| Engineer, Games developer, Software Programmer, Accountant, Statistician, Banker, Financial Advisor, Stockbroker, Management consultant, IT Consultant. | |
| **Subject Leader** | |
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