Mathematics

Name of Course	GCSE Mathematics
Exam Board	Edexcel – 1MA1
Curriculum Outline	In both tiers of entry the Maths GCSE course is split into 5 concepts: • Number • Algebra • Ratio and Proportion • Geometry and Measures • Statistics and Probability There are 3 assessment objectives with different weightings depending upon the tier of entry: • AO1 – Use and apply standard techniques • AO2 – Reason, interpret and communicate mathematically • AO3 – Solve problems within mathematics and other contexts
Learning & Assessment Method	Assessment consists of three written examination papers for both tiers: • Paper 1 is a non-calculator assessment and a calculator is allowed for papers 2 & 3. • Each paper is 1 hour and 30 minutes long. • Each paper has 80 marks. • The content of the course will be assessed across all three papers.
Curriculum Intent	The GCSE maths curriculum will allow pupils to: ● 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.

| Career and Learning Progression | Maths provides a strong foundation, for further academic or vocational study and for employment, to give students the appropriate mathematical skills, knowledge and understanding to help them progress to a full range of courses in further and higher education. This includes A Level maths courses as well as A Level and undergraduate courses in other disciplines such as biology, geography and psychology, where the understanding and application of mathematics is crucial.

Having GCSE Maths can open up a wide range of career options, as many professions value strong numeracy and problem-solving skills. Here are some career paths that are directly or indirectly related to GCSE Maths; Engineering, accountant, economist, banking, business, computing and pharmacist. |
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| Useful Links | Specification: Level 1/2 GCSE (9-1) in Mathematics |