



Qualification Name	Mathematics
Exam Board	To be decided
Type (e.g. GCSE/BTEC Certificate)	GCSE (Double-weighted)
Level (1,2 or both)	Both Foundation grade 1 to 5 Higher grade 4 to 9
GLH (Guided Learning Hours)	160—175 hours
Course Content Outline (What Will I study?)	<p>You will continue to study Number, Ratio, Proportion and Rates of Change, Algebra, Geometry and Measures, Statistics and Probability but at a far more challenging level.</p> <p>GCSE Maths content has been increased significantly and is both broader & deeper; it is intended to boost problem solving & reasoning skills, which will be assessed in unfamiliar situations. Tasks will be more open ended & students will need to make decisions as to the Maths they should use.</p> <p>Higher tier will have a bigger emphasis on Algebra, whereas Number will be more prominent on the Foundation tier.</p> <p>Non calculator skills will still be of great importance, laying the foundations for real understanding, but 2 of the exams will expect proficient use of a calculator.</p> <p>All students will also be expected to accurately use a protractor, ruler & compasses to perform constructions.</p>
Typical Lesson/Homework Activities. (How will I study?)	<ul style="list-style-type: none"> • Investigations and Problem Solving • Real Life situations • ICT related tasks • Competitions • Group Work • Exam papers • Text books
Success Criteria (How will I be assessed?)	<p>Assessment by 3 exams at the end – 2 calculator & 1 non-calculator paper.</p> <p>3 x 1hr 30 minutes</p> <p>Throughout the course there will be internal assessments to monitor your progress. At the end of year 10 there will be a full mock. In year 11 there will be 3 mock exams in November, January & March.</p>
Succession Paths Post-16 (What can I do with this qualification?)	<p>Most college courses & jobs expect you to have a Maths qualification. The better the result, the higher the course you can get onto, and the more choice you will have.</p> <p>A good understanding of Maths is vital if you want to study technology, engineering or science subjects.</p> <p>Many other courses ask for Maths even if the course isn't Maths related.</p>