

# Curriculum information sheet - Mathematics

<b>Subject</b> Mathematics						
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<b>Year 11 information</b> – Course title(s), GCSE/BTEC, Exam board, breakdown of assessment modules <ul style="list-style-type: none"><li>• GCSE Mathematics</li><li>• Edexcel exam board</li><li>• 3 exams consisting of 2 calculator papers and 1 non-calculator paper each of which is 1 hour 30 minutes</li><li>• All the exams are equally weighted and each worth 33.3% of the overall marks.</li><li>• Students sit either foundation tier or higher tier</li><li>• Foundation tier students can achieve up to a grade 5</li><li>• Higher tier students can achieve grades 4 – 9</li><li>• The course is taught over two years.</li></ul>						
<b>Synopsis of the course</b> <p>GCSE Mathematics is a vital component in students' learning to ensure that students leave school with strong numerical skills and the ability to use problem solving skills. The subject includes topics within algebra, number, statistics and geometry, each of which can be extended and supportive to varying pupil ability. In year 11, the application of these topics is reviewed in further detail to make sure that students are able to solve 'real life' problems and to accurately complete exam questions to achieve their best possible grade. Success in mathematics is the gateway to an incredibly diverse range of further education opportunities and careers.</p> <p>Each of the three examination papers focuses on the following areas of study:</p> <table><tr><td>1. Number</td><td>2. Algebra</td><td>3. Ratio, proportion and rates of change</td></tr><tr><td>4. Geometry and measures</td><td>5. Probability</td><td>6. Statistics</td></tr></table>	1. Number	2. Algebra	3. Ratio, proportion and rates of change	4. Geometry and measures	5. Probability	6. Statistics
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<b>Year 10 information</b> – Course title(s), GCSE/BTEC, Exam board, breakdown of assessment modules						
Same as year 11						