

Mathematics Department.....

<u>Year 7</u>
In Year 7 learners experience Mathematics through a wide variety of hands-on projects and interactive resources. The projects will focus on ‘applying Mathematics’ to real life situations. This approach develops a deeper understanding of mathematical concepts and the rigor required to solve more demanding problems.
<u>Year 8</u>
In Year 8 learners continue their mathematical journey as in Year 7 through a wide variety of hands-on projects and interactive resources. The projects will focus on algebra, geometry and statistics in real life situations. This approach develops a deeper understanding of mathematical concepts and the rigor required to solve more demanding problems.
<u>Year 9</u>
In Year 9 learners embark on their GCSE Mathematics qualification. The course content and skills are divided into modules (one per half term) with numerous opportunities for consolidation and reflection. Learners will be assessed at the end of Year 11 under the new GCSE specification.
<u>Year 10</u>
Learners embark on the second year of their Mathematics GCSE qualification. During this year, the more able learners will start preparing for the AQA Further Maths qualification. Assessment and monitoring is rigorous to identify learners who need intervention and who are at risk. Further information can be found at: http://www.edexcel.com/migrationdocuments/GCSE2010/UG029981_GCSE_MathsA_Spec_2012.pdf Past papers can be found at: http://www.edexcel.com/quals/gcse/gcse10/maths/maths-a/Pages/default.aspx
<u>Year 11</u>
Learners embark on the third and final year of their Mathematics GCSE qualification. More able as well as less able students have the opportunity to gain two Maths qualifications. Assessment and monitoring is rigorous to identify learners who need intervention and who are at risk. Learners are generally enthusiastic and successful in Maths. Further information about the Maths syllabus, past papers and other resources can be found at: http://www.edexcel.com/quals/gcse/gcse10/maths/maths-a/Pages/default.aspx
<u>Year 12 & 13</u>
AS and A Level Maths remain a popular choice amongst Year 11. Learners can choose to pursue both Maths and Further Maths AS and A Level qualifications. The applied modules offered for A Level Mathematics are often tailored to the cohort of learners. Further information about the Maths syllabus, past papers and other resources can be found at: http://www.edexcel.com/quals/gce/gce08/maths/Pages/default.aspx

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