Mathematics

'Wherever there is number, there is beauty.' – Proclus

The mathematics course builds on the maths you have learned during Key Stage Three.
The course covers six main topic areas:

- Number
- Algebra
- Ratio, proportion and rates of change
- Geometry and measures
- Probability
- Statistics

Throughout the course, you will be working towards the following assessment objectives:
AO1 - use and apply standard techniques
AO2 - reason, interpret and communicate mathematically
AO3 - solve problems within mathematics and in other contexts

External Assessment
Exam Paper 1: Non-calculator **33.3% of GCSE** A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper. **Exam Paper 2: Calculator** **33% of GCSE** A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper. **Exam Paper 3: Calculator** **33.3% of GCSE** A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper

Course Title	Exam Board	Specification Code	Website
Mathematics	Edexcel	1MA1	[Maths GCSE	Edexcel GCSE Mathematics (2015)	Pearson qualifications](#)
GCSE Mathematics equips students for further study at sixth form and university. It also provides vital skills for life with a wide array of careers relying on a person having a good level of mathematics.			
Director of Faculty: Miss K Saunders			