MATHEMATICS

Head of Faculty: Mrs S Boland   sboland@tenburyhigh.co.uk

Higher Syllabus: 8300
Exam Board: AQA
Exam Board Website: www.aqa.com
Subject: GCSE Mathematics

Foundation Syllabus: 8300
Exam Board: AQA
Exam Board Website: www.aqa.com
Subject: GCSE Mathematics

Maths syllabus content:
- Geometry
- Number
- Ratio/Proportion
- Statistics
- Probability

Time Allocation:

4 x 50 minute lessons per week

Future Education Opportunities:

GCSE Statistics, AS & A Level Mathematics & Statistics, Further Mathematics. A good grade (5 or above) is usually required in order to pursue a career in nursing, teaching or the armed forces. If a grade 5 or above is not achieved in Yr11, pupils will be expected to continue to study Mathematics at college. Apprenticeships as HM Forces services person.

Assessment:

For the new GCSE there will be three exams - 1 non- calculator and 2 calculator, all equally weighted and completed at the end of the course. The assessment of Functional Skills (Mathematics) is incorporated in the terminal papers.

Pupils' progress will be monitored through class assessments during the course. Clearly, thorough preparation for the class assessments is essential.

Pupils should always bring their own **scientific calculator** to Mathematics lessons.

Future Career Opportunities:
- Accountant
- Actuary
- Astronomer
- Bank Manager/Officer
- Logistics/Distribution Manager
- Economist
- Investment Analyst
- Marketing Manager
- Medical Researcher
- Production Manager
- Statistician
- Surveyor
- Computer Programmer
- Quantity Surveyor
- Engineer – Chartered/Incorporated
- Careers in Insurance
- Financial Adviser