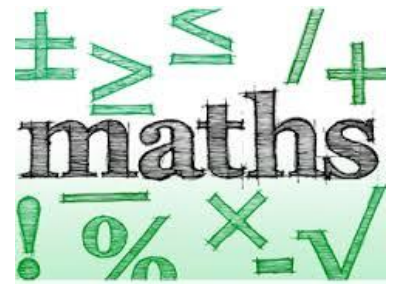


GCSE Mathematics



Course Content:

Course Content - GCSE Mathematics covers a range of skills in Statistics, Probability, Number, Algebra, Geometry and Measures. Students will have to demonstrate their skills in both calculator and non-calculator assessments. Quality of written communication and the functional elements of mathematics will be regularly developed and assessed.

Skills needed and developed:

Students will be assessed on using and applying standard techniques, alongside reasoning, interpreting and communication, and solving problems.

QWC – Quality of written communication. Writing explanations of mathematical and geometrical situations using technical language.

Assessment objectives in Number, Algebra, Ratio, Geometry and Statistics

Recall of information, selecting methods and analysing solutions

Assessment Methods:

The students will be assessed over 4 ½ hours of exams at the end of the course, by one Non Calculator Examination and two Calculator Examinations

Note : All pupils need to purchase and maintain a scientific calculator for this course

Qualification gained at completion of the course:

The new qualification is now graded using numbers, with grades being awarded as follows

9 - 4 (Higher Tier) or 5 – 1 (Foundation Tier), with '9' being the highest grade. The content of each course has increased from previous years and the higher course now contains additional content of a higher level than previously.

Possible Pathways and Careers:

All post-16 courses and most post-16 employers require GCSE Mathematics and many at C grade or above. Routes that may develop from Mathematics skills are management, engineering, teaching, actuary, and accounting.