

# MATHEMATICS



**Examination Board:** Edexcel

**Qualification/s awarded:** Mathematics GCSE

**Brief details of the course:**

This compulsory course enables students to develop fluent knowledge, skills and understanding of mathematical methods and concepts.

The examinations cover the following content areas:

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

**Assessment:**

The qualification requires students to study for three equally weighted written examination papers at either foundation or higher tier.

- Paper 1 is a non-calculator assessment
- Papers 2 and 3 are assessments where a calculator is allowed
- All three papers are 1 hour and 30 minutes long
- Each paper has a total of 80 marks
- The content outlined for each tier will be assessed across all three papers
- All examinations are to take place at the end of the two year course

Each paper has a range of question types; some questions will be set in both mathematical and non-mathematical contexts. If students are finding it difficult to access the GCSE course we will support them through the Entry Level Certificate in Mathematics.

**Award: Grade 1-9**

**Information about the Tiers:**

Two tiers are available, foundation and higher (the content is defined for each tier). Students entered for the foundation tier can achieve grades 1 to 5, whilst those entered for higher tier can attain grades 4 to 9 (grade 3 is also allowed). Individual papers are not graded.

**Pupil grouping:**

All pupils are entered for the full GCSE course. Pupils are set according to ability.

**Benefits of the course:**

The qualification encourages students to develop confidence in their skills and to recognise the importance of mathematics in their own lives and to society at large. Students also learn to make informed decisions about the use of technology and the management of money. It leads to a key qualification required by employers, and provides an excellent basis for further study.

