

MATHEMATICS

**Compulsory
Core Subject**

Pupils are prepared for the Pearson 9-1 GCSE Mathematics. They are taught in sets and teachers use a range of resources with each class. GCSE Mathematics is taught from Year 9 onwards.

Syllabus

The National Curriculum covers a wide range of mathematical topics and these are assessed in written examinations. The Foundation Tier omits certain more challenging topics from the Higher Tier syllabus.

Assessment

The assessment is carried out over three papers that each last 1 hour 30 minutes. The papers have equal weighting and contribute 33.3% to the overall result. One of the papers is non-calculator.

Entry Levels

Pupils are entered for either the Higher or the Foundation Tier. The Higher Tier leads to a grade in the range 9 - 4; the Foundation Tier leads to a grade in the range 5 - 1. From the outset of the course, pupils are prepared with a view to them taking the Higher Tier, the final decision on tier of entry being taken after the GCSE trials in Year 11. This decision is made following consultation with pupils, teaching staff and parents

Calculators

All pupils must have a scientific calculator. The Mathematics Department recommends the use of a Casio fx-991EX Classwiz or Casio fx-83GT.

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