Core Curriculum Mathematics

- For pupils who are NOT taking A-level Maths or Further Maths

- Supports the mathematical content of other A-levels, e.g. Economics, Business, Geography, Chemistry, Biology, Psychology.

- Level 3 Mathematics in Context (statistical analysis, graphs and diagrams)

- It is desirable to have a grade 7 at IGCSE/GCSE Mathematics. Pupils with a grade 6 will be accepted.

Core Maths Course Structure

- Four lessons per week with one Maths teacher.

- Exams at the end of Lower Sixth year (May/June 2024 for this cohort).

- The external exams take place during the A-level internal exams but study leave arrangements are in place.

- No graphical calculator is required.

Examination Content

- 4 major content areas:
  - Applications of Statistics
  - Probability
  - Linear programming
  - Sequences and growth

- 3 Assessment Objectives:
  - AO1 – Use a range of mathematical methods and techniques to find solutions to problems
    - AO2 – Use a range of mathematical and statistical approaches to analyse situations
    - AO3 – Test and evaluate answers and conclusions in a variety of contexts

Breakdown of Assessment Objectives

Paper	AO1	AO2	AO3	Total for all Assessment Objectives
Paper 1: Comprehension	10–16%	10–16%	10–16%	40%
Paper 2: Applications	9–18%	18–29%	18–29%	60%
Total for this qualification	**25–29%**	**30–40%**	**30–40%**	**100%**

Examination Structure – 2 Papers

- Paper 1: Comprehension
  - 40% of the qualification
  - 1 hour and 40 minutes
  - 60 marks
  - Source booklet available from 15th April
  - Calculator allowed and formula sheet provided

- Paper 2: Applications
  - 60% of the qualification
  - 1 hour and 40 minutes
  - 80 marks
  - Source booklet provided on the day of the exam, but one of the sources will be repeated from paper 1
  - Calculator allowed and formula sheet provided

Core Mathematics Results

- 2022 Results
  - 12 pupils
  - 4 A grades, 4 B grades and 4 C grades

- 2019 Results
  - 27 pupils
  - 11 A grades, 9 B grades, 6 C grades and 1 D grade