Statistics Examination Board: Edexcel

What is the course like?

The GCSE Statistics course is a chance for all students to apply their mathematical knowledge in a real-life context. It will not only help deepen their knowledge of the statistics content of the GCSE course, but also help students question and analyse the data and statistics that we are surrounded with on a day-to-day basis.

What is studied during the course?

Pupils need to demonstrate knowledge, understanding and skills in the following areas:

- *Collecting Data:* Statistical Sampling techniques, types of data and the various ways we could collecting data.
- *Processing and Representing Data:* Data charts and tables that are used to help present data.
- Analysing Data: Averages, measures of spread and the ways these can be calculated from all the various charts and tables.
- *Evaluation:* What conclusions can be reached from the data, correlation and causation.

How is the course assessed?

GCSE Statistics is assessed by two, 1 hour 30 min exams at the end of Year 10. A calculator is allowed on both papers. These papers are equally weighted, and the pupil's final mark is based on the combined score from the two papers. There are two tiers of entry: higher tier gives access to grades 9-4 and foundation tier gives access to grades 5-1.

Level 2 Certificate in Further Mathematics Examination Board: AQA

What is the course like?

The Level 2 Further Maths course is a fantastic opportunity for high achieving students in Year 10, to extend their knowledge especially in the art of algebraic reasoning. The course is run after school from 15:00 – 16:30 and builds upon the knowledge students have already accrued in their GCSE studies. It is an extra qualification to GCSE maths rather than a replacement. Due to the challenging nature of the course, only students from sets 1 and 2 are advised to apply.

What is studied during the course?

This qualification places an emphasis on higher order technical proficiency, rigorous argument, and problem-solving skills. Pupils need to demonstrate knowledge, understanding and skills in the following areas:

- Number
- Algebra
- Coordinate Geometry
- Calculus
- Matrix Transformations
- Geometry

How is the course assessed?

GCSE Maths is assessed by two, 1 hour 45 min exams at the end of Year 10. The first paper is non-calculator and the second a calculator is allowed. These papers are equally weighted, and the pupil's final mark is based on the combined score from the two papers. There are two tiers of entry: higher tier gives access to grades 9-4 and foundation tier gives access to grades 5-1.

For further information, please contact either Mrs Spencer or Mr Grubb