

Statistics

AQA

GCSE



Course Description

Exam Board – AQA (Specification code 8382)

The course will extend beyond the statistics content of GCSE mathematics to enable students to specialise in statistical analysis in a variety of contexts.

What topics will I be covering?

Students will cover topics in the following areas:

- Planning a strategy.
- Data collection.
- Tabulation and representation;
- Data analysis.
- Probability.
- Data interpretation.

How much of the course is examination or Controlled Assessment?

The traditional coursework has been removed and therefore the entire grade will be assessed through examinations:

- Paper 1 (80 marks) – 50% (Foundation or Higher tier)
- Paper 2 (80 marks) – 50% (Foundation or Higher tier)

The questions on both papers will be a combination of multiple choice, short answers, and a Statistical Enquiry Cycle (SEC) question.

How much work is required after school?

Tasks will be set once a week; some will be online, and some will be paper-based. Deadlines for homework will usually be 2-3 lessons after it is set.

How is the work assessed and when?

Students have regular termly internal assessments followed by lessons where they will analyze their strengths and identify areas of development in order to correct their misconceptions.

What do I need to achieve a good grade?

Build on a good foundation of knowledge and skills gained at KS3 and during KS4 GCSE Mathematics. Work to the best of your ability in all lessons and communicate well with your teacher.

If I want to study the subject after GCSE, what grade must I get?

GCSE Statistics is not a pre-requisite to study A-Level Mathematics with Statistics.

What career options lead from this subject?

Statistics is an integral part of many A-Level courses including Mathematics, Psychology, Business, Science subjects, Sports Science and Economics.

