PEMBROKE
A PRIORY ACADEMY

Edexcel GCSE Statistics

Why should I study GCSE Statistics?

GCSE Statistics gives students the opportunity to broaden their knowledge in a key component of maths that is relevant to everyday life. They'll develop a core statistical grounding, as well as transferable skills and understanding that's applicable to a range of other subjects. It will also benefit those progressing to many A-level subjects.

What will I study?

GCSE Statistics studies three key areas:

1. The collection of data
2. Processing, representing and analysing data
3. Probability

The order of the content, for each tier, follows the order of the **statistical enquiry cycle.** Practical investigations are part of a programme of study so that students have the opportunity to understand that different approaches, including the use of technology, may be appropriate at each stage of the statistical enquiry cycle, and that statistical conclusions are developed through an iterative process of testing and refinement

How will I be assessed?

GCSE Statistics is assessed in two exams at the end of the course.
There are 2 tiers of entry – Foundation (Grade 1-5) Higher (Grade 4-9)

- Unit 1: examination lasting 1 hour and 30 minutes. Worth 50% of final grade.
- Unit 2: examination lasting 1 hour and 30 minutes. Worth 50% of final grade.

Which skills will I develop and use?

This course will help you to develop the following skills

- Selecting and organising information.
- Interpersonal and Intrapersonal.
- Preparing and presenting arguments.
- Analysing and synthesizing information
- Evaluating sources of information and interpretations.

How will I be able to use this subject in my future career?

The skills acquired through the study of Statistics at GCSE are useful to students wishing to study a variety of subject's post 16, in particular Maths, Science, geography, sociology, Psychology and Business Studies. These subjects require you to handle and interpret data!

If students aspire to work in a role that requires handling statistics, then GCSE Statistics is an obvious choice for them. In a world where statistics is increasingly prevalent, studying this GCSE is likely to open many career opportunities to you, as well as enable you to better analyse and understand the world around you.