

# Statistics

GCSE Qualification - Edexcel

Course Leader: **Mr Whitehouse**

## Successful learner profile

- Strong numerical skills, or a willingness to improve mathematical skills.
- Accurate calculation skills and able to use a calculator efficiently and correctly.
- Analytical thinker - Able to interpret results, identify patterns, trends, and anomalies in data.
- Logical reasoner - Justifies conclusions clearly using statistical evidence.
- Resilience and persistence - Willing to attempt challenging questions and learn from mistakes.
- Curiosity about data - Interested in how statistics apply to real-world issues such as surveys, experiments, bias, and reliability.

## Possible progression post 16

- This course provides the foundation to the Statistics element of A-Level Mathematics.
- It will introduce you to a range of concepts and practical skills which are developed in lots of other subjects for example Geography, Psychology and Business studies amongst others.

## What will you study?

The course is split into three modules.

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

Questions will be on statistical methods, familiar and unfamiliar contexts and the component parts of the statistical enquiry cycle

## How will you be assessed?

- 100% Examination.
- 2 calculator papers. 80 marks per paper, 1 hour 30 minutes in length.
- Each paper is worth 50% of the final grade.
- The papers contain short response, medium response and extended response questions

## Weblinks

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/statistics-2017.html>