

# **Statistics**

## **Examination Board: Edexcel**

### **What is the course like?**

The GCSE Statistics course is a chance for 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.

**For further information, please contact either Mr or Mrs Cobb**