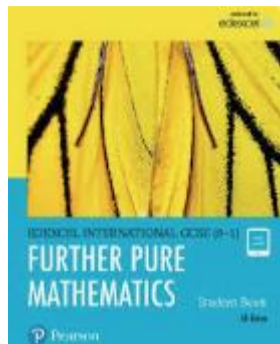


Statistics and Further Maths GCSE

Learning Journey



Finally, as you prepare to start your GCSEs, we review content from early in the year and ensure that everyone is ready for exam success!

In spring 2 you will cover advanced Geometric and Trigonometry problems. This includes working with Radians and exploring trigonometric identities.

Spring 1 covers Advanced Probability and Statistical processes which will build on knowledge learned in Year 10.

Now that you have completed Statistics, in Summer 2 of Year 10, we move onto Further Maths. This begins with advanced Algebraic Techniques and Number Theory

Returning from the summer and now in year 11, we begin the year investigating Polynomials, Functions and Graphs. You will explore these topics using a combination of hand sketching and software to generate graphs.

In Autumn 2 we learn about Sequences, Series and Inequalities. You will take part in investigations with sequence puzzles and software use to represent inequalities visually.

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In Summer 1 you will be getting ready for the Statistics GCSE which you will be taking during this half term. To get you ready for this, we will review the topics learned so far this year in preparation for your exam!

In Spring 2 the concept of bivariate data is introduced. You will learn skills to make predictions about the relationships between seemingly unrelated events.

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In Autumn 1 you will be introduced to what Statistics is and why it is important. We delve into data collection techniques and you will learn ways to represent data to help you prove a point.

In Autumn 2 you will look into measures of central tendency (averages) and new ways to display data including histograms and cumulative frequency diagrams and box plots.

Spring 1 is all about probability. This includes Venn Diagrams and Tree Diagrams to work out probabilities in more complex situations.

