

Statistics

Your child will study

Year 10

Autumn Term

What statistical enquiry cycle is, and why it is important across statistics

Methods of collecting and categorising data

Start to learn different graphical representations of statistics

Spring Term

Learn more advanced methods of statistical representations of data

Learn different summary statistics that are used to analyse data in statistics, including averages and measures of spread

Summer Term

Learn to use and create scatter graphs, including learning about correlation, extrapolation and finding lines of regression

Learn to plot and read time series graphs, and make estimates using moving averages

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Year 11

Autumn Term

Learn different methods of problem solving in probability, such as assessing risk, using venn diagrams and tree diagrams, and how to understand and apply formulas for conditional probability

Learn to use index numbers in real world situations to assess changes over time and compare populations

Spring Term

Learn to describe binomial and normal distributions, and use them to make inferences about data.

Learn to use standardise scores to compare different outcomes.

Summer Term

Review and revise previous learning

Practice weaker areas, to get ready for the GCSE exam