



Statistics

Equipping students with the knowledge and skills to understand how society shapes individuals and opportunities, empowering them to make informed decisions, challenge inequality, and engage confidently in the world around them.

Key Stage 4 Long-Term Plan	Year 10	Year 11
Autumn 1	Collection of Data Link to Statistical Enquiry	Scatter Diagrams & Correlations Link to Statistical Enquiry
Autumn 1 Assessment:	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding.
Autumn 2	Collection of Data Link to Statistical Enquiry	Index Numbers Link to Statistical Enquiry
Autumn 2 Assessment:	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding	Assessment Point 1 (30/11/26-18/12/26) Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding

		Past paper questions used to monitor readiness for GCSE
Spring 1	Processing & Representing Data Link to Statistical Enquiry	Probability Link to Statistical Enquiry
Spring 1 Assessment:	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding Completion of past paper is monitored
Spring 2	Summarising Data Link to Statistical Enquiry	Probability Distributions Link to Statistical Enquiry
Spring 1 Assessment:	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding Completion of past paper is monitored
Summer 1	Summarising Data Link to Statistical Enquiry	Revision

Summer 1 Assessment:	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding	Students' progress will be assessed through short retrieval activities, in-class discussion, and ongoing monitoring of their work in books. Completion of statistics homework is a retrieval activity used to monitor students' understanding Completion of past paper is monitored
Summer 2	Time Series Statistical Enquiry Case Study	Revision
Summer 2 Assessment:	Mock Exam 1 paper	GCSEs
What will a student know by the end of each year? Why?	By the end of Year 10, students will be able to apply a range of statistical techniques to analyse, interpret and present data. They will confidently use subject-specific vocabulary, explain their reasoning, show clear mathematical working and apply their knowledge to unfamiliar problem-solving tasks. Students will develop independence and begin to make informed conclusions from statistical evidence. Why? This provides students with the core statistical knowledge and analytical skills needed to interpret real-world data and establishes a strong foundation for the more advanced content and exam preparation undertaken in Year 11.	By the end of Year 11, students will be able to select and apply appropriate statistical methods independently, interpret complex data sets, evaluate conclusions and communicate their findings using accurate statistical terminology. They will confidently justify their decisions, solve multi-step problems and demonstrate clear reasoning and working throughout their responses. Why? This equips students with the knowledge, confidence and examination skills required to successfully complete their GCSE Statistics qualification and to use data critically and effectively in further study and everyday life.

Extra-Curricular Opportunities		
- Maths Challenge		