

KS4 Curriculum Overview 2024-25

Subject: STATISTICS

Rationale of KS4 Curriculum:

The Year 10 curriculum follows the statistical planning cycle in chronological order, starting with the collection of data and reaching the evaluating data phase of the cycle.

Students will be directed to a specific pathway at the end of Year 11 depending on their EOY result

The curriculum is structured in a way that any content which is assessed in the examination is not assumed as secure knowledge.

Students who are following the higher pathway, will continue the intended the curriculum. Those who follow the foundation pathway (if applicable) will complete their curriculum followed by a revisit of key topics.

Sequence of Learning:

KS4	Term 1	Term 2	Term 3
Year 10	Collecting data Planning an investigation Evaluating data Formulating hypotheses Issues with data	Representing data Analysing data Comparing distributions Shapes of data Standard deviation Outliers	Correlation Bimodal data Spearman's rank CC Time series Statistical investigation
Year 11	Risk and sample space Probability Index numbers Normal and binomial distribution Standardisation and QC	Random response method PMCC Regression lines Response	Response Exam fluency