Subject: GCSE Statistics		**Year Group: 10**
Term 1 Topics • The Collection of Data	**Term 2 Topics** • Processing and Representing Data	**Term 3 Topics** • Summarising Data • Scatter Diagrams and Correlation
Term 1 Assessment Opportunities: • End of Topic Tests • Textbook Exercises • Teacher's own questioning, worksheets and starters	**Term 2 Assessment Opportunities:** • End of Chapter Tests • Textbook Exercises • Teacher's own questioning, worksheets and starters	**Term 3 Assessment Opportunities:** • End of Topic Tests • Textbook Exercises • Teacher's own questioning, worksheets and starters
Term 4 Key Topics • Time Series • Probability	**Term 5 Topics** • Index Numbers • Probability Distributions	**Term 6 Key Topics** • Revision
Term 4 Assessment Opportunities: • End of Topic Tests • Textbook Exercises • Teacher's own questioning, worksheets and starters	**Term 5 Assessment Opportunities:** • End of Topic Test • Textbook Exercises • Teacher's own questioning, worksheets and starters	**Term 6 Assessment Opportunities:** • End of Topic Tests • Textbook Exercises • Teacher's own questioning, worksheets and starters **GCSE External Examination in this term**

Rationale:

This course will give pupils a deeper insight into the branches of Mathematics which they are most likely to encounter in day to day life; Probability and Statistics. It is hoped that this will give them the tools needed to question claims presented through data and criticise the sources of that data. This can apply to data which they encounter in school topics i.e. in Science or Geography or even in later life when making decisions based on probability and data. It is hoped this will promote critical thinking in these areas. In the short-term, developing a deeper understanding and competence with GCSE Statistics will have a positive effect on their understanding similar content in the GCSE Mathematics course.

Evaluation:

In class, assessment of pupil progress will be measured through a process of questioning and feedback, both written and verbal. Feedback to pupils will include self, peer and teacher led activities. Homework will be marked through the same processes. End of topic assessments will be marked by the teacher and feedback given as part of classroom activity. All test scores will be recorded on the shared spreadsheet in Google docs. The class teacher will include comments on the front of each test for WWW and EBI with opportunity for pupils to add MRI.

Department time will be used for class teachers to feedback on issues and successes within the Scheme of Work. It is anticipated that this will create a forum for teachers to report on each class and their response to the work, the timing of topics within the scheme and the sharing of resources and good practice. Work will continue on building additional teaching resources into a shared bank of material on the school VLE.

Long-term overview for Year 10 GCSE Statistics