

Subject	Statistics		
Exam Board	AQA	Course Code	8382

Overview

April Assessment
<p>One 45-minute paper – Calculator Allowed One A4 sheet of paper (double sided) to be taken into it Full mathematics equipment required</p> <p>Date to be confirmed for assessment, but will be within the first two weeks of returning after the April holidays</p>
Topics to be covered
<p>Higher Tier</p> <p>Statistics Terminology Sampling Data Enquiry Cycle</p>
May Assessment
<p>One 90-minute paper – Calculator Allowed Full mathematics equipment will be required</p>
Topics to be covered
<p>This will be on Statistical Calculations, Representations and Interpretation</p> <p>Box and Whisker Plots Capture Recapture Method Choropleth Graphs Comparing two data sets Correlation Coefficients including Spearman's Ranking Interpreting Data Interquartile Range Linear Regression Mean, median, mode, range Moving Averages Outliers Population Pyramids Probability including conditional probability and binomial probabilities Seasonal Variation Standard Deviation Standardising Data Two Way Tables Understanding the properties of a Normal Distribution</p>

Useful revision resources

Websites – the first few may not contain all GCSE Statistics Areas

Mathswatch - <https://vle.mathswatch.co.uk/vle/>

Corbett Maths – <https://corbettmaths.com/>

GCSEPod – <https://www.gcsepod.com/>

Statistics Genie – <https://www.mathsgenie.co.uk/statistics.html> (This has the most statistics specific topics – even if it says Edexcel it is still valid for AQA)

Recommended Revision Guides

Students can collect a GCSE Statistics Workbook from Miss Mallam or Mr Hay on request

Recommended Calculators

Casio fx-83 GTX, fx-85 GTX, Casio Classwiz EX-991 (recommended if continuing onto A-Level Mathematics)

Revision Tips

Revision for Statistics is based upon practice (and more practice). You need to be confident at the skills and concepts that make up the course in order to be able to work through the more challenging problems. Revision should be interactive, not just reading notes

A potential plan of action would be

- Work through the plans below watching the relevant videos
- Work through maths problems and past papers.
- Do not just read your notes/revision guides as you need to practice your Statistical skills.

Any additional information will be placed into Google Classrooms and the GSHS Maths Revision Area

<http://bit.ly/GSHSMathsRevision>