Subject: Statistics – Higher Paper
Exam Board: AQA 8382
https://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8382/specification/subject-content

Overview

- One Paper – Calculator Allowed
- The paper is 1 hour 45 minutes in length

Revision Sites

Sparx Maths – https://www.sparxmaths.uk/

This has extensive revision opportunities via the Independent Study section on the GCSE Mathematics elements that overlap Statistics

Maths Genie - www.mathsgenie.co.uk/statistics

Although not fully containing material it has good practice questions on key higher grade topics. Although it has a lot of Edexcel related material it is suitable for AQA also

Stats Academy - www.statsacademy.co.uk/exam-practice **and** www.statsacademy.co.uk/revision
Exam practice and revision notes

Other Useful revision resources

- BBC Bitesize Learning - https://www.bbc.co.uk/bitesize/examspecs/z8sg6fr
- Oak National Academy - https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/maths

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

- RAG the topics (**Red** = not confident, **Amber** = have a grasp but need more practice, **Green** = Confident) in the revision list
- Work on the Red and Amber material first – return to the green from time-to-time
- Use the Revision Sites to start to work through these areas
- Work through maths problems and past papers – highlight questions you cannot do and ask friends, parents, teachers for help
- Do not just read your notes/revision guides as you need to practice your Maths skills.

	R	A	G
Bias			
Binomial Distribution			
Choropleth			
Comparing mean and standard deviation			
Composite bar charts			
Correlation			
Cumulative Frequency			
Extraneous Variables			
Geometric Mean			
Working with Hypothesis			
Base Index			
Interpolation and Extrapolation			
Interpreting Graphs and misconceptions			
Line of best fit			
Moving Averages			
Normal Distribution: Properties			
Percentages and Population			
Probability: Independent Events/Tree Diagrams			
Reliability of estimates			
Sampling Methods			
Scatter Diagrams			
Spearman's Rank Correlation Coefficient			
Standard Deviation			
Stem and Leaf Diagrams			
Stratified Sampling			
Time Series			
Trends and Trendlines			
Two-way Tables and Probability			
Weighted Mean			