

AQA GCSE Statistics: 8382

Pupils will be entered for the AQA GCSE Statistics: 8382

GCSE Statistics: Subject Content

- A. Understand the importance of the careful planning of a clear strategy for collecting, recording and processing data in order to address an identified question or hypothesis.
- B. Recognise the opportunities, constraints and implications for subsequent mathematical analysis involved in obtaining appropriate data through careful design of primary data collection techniques or through the use of reference sources for secondary data to ensure unbiased research.
- C. Generate data visualisation and understand the mathematics required to derive these visualisations.
- D. Calculate statistical measures to compare data.
- E. Use visualisation and calculation to interpret results with reference to the context of the problem, and to evaluate the validity and reliability of statistical findings.

Statistical Enquiry Cycle

GCSE Statistics: How is it assessed

GCSE Statistics has a Foundation tier (grades 1 – 5) and a Higher tier (grades 4 – 9). Students must take two question papers at the same tier. All question papers must be taken in the same series.

A student taking Foundation tier assessments will be awarded a grade within the range of 1 to 5. Students who fail to reach the minimum standard for grade 1 will be recorded as U (unclassified) and will not receive a qualification certificate.

A student taking Higher tier assessments will be awarded a grade within the range of 4 to 9. A student sitting the Higher tier who **just** fails to achieve grade 4 will be awarded an allowed grade 3. Students who fail to reach the minimum standard for the allowed grade 3 will be recorded as U (unclassified) and will not receive a qualification certificate.

The information in the table below is the same for both Foundation and Higher tiers.

The Subject content section shows the content that is assessed in each tier.

Paper 1

What's assessed

All specification content.

How it's assessed

Written exam: 1 hour 45 minutes

Tiered Higher and Foundation

80 marks

50% of GCSE

Questions

Multiple choice, short answer and a Statistical Enquiry Cycle (SEC) question.

Paper 2

What's assessed

All specification content.

How it's assessed

Written exam: 1 hour 45 minutes

Tiered Higher and Foundation

80 marks

50% of GCSE

Questions

Multiple choice, short answer and a Statistical Enquiry Cycle (SEC) question.