



ST1 Statistical enquiry and data

Personal learning checklist | 1 of 2

Edexcel GCSE Statistics 1ST0 | Both papers · Foundation and Higher

Name _____ Class _____ Date _____

Tick one box for each statement. Red: need help. Amber: partly confident.
Green: can do independently.

Higher statements are labelled. Show full workings, construct graphs and use real sourced data for enquiry tasks.

I can	Red	Amber	Green
Enquiry cycle			
Formulate a measurable hypothesis and define its target population.	☐	☐	☐
Plan data collection and analysis that address a specified hypothesis.	☐	☐	☐
Plan safeguards for cost, access, confidentiality and non-response.	☐	☐	☐
Process and communicate sourced data with appropriate units and contextual conclusions.	☐	☐	☐
Evaluate an enquiry's limitations and propose specific improvements and retesting.	☐	☐	☐
Carry out a complete ethical enquiry using authentic data and justified methods.	☐	☐	☐
Data and variables			
Classify categorical, ordinal, discrete and continuous variables with reasons.	☐	☐	☐
Explain the effect of grouping and merging categories on information.	☐	☐	☐
Interpret interval boundaries and calculate class widths.	☐	☐	☐
Identify paired variables and their explanatory and response roles.	☐	☐	☐
Evaluate primary and secondary sources for relevance and accuracy.	☐	☐	☐

My next revision priority _____

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I can	Red	Amber	Green
Higher — multivariate data			
Higher: explain how multivariate data can reveal alternative influences.	☐	☐	☐

My next revision priority _____