Edexcel GCSE Statistics (Higher)

The table shows the contents of each Group of lessons, mapped to the specification. Some lessons may appear in more than one Group.

Lesson Group	Specification coverage	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
A: Collection of Data	1a.01-1a.03 1b.01-1b.04 1c.01-1c.06 1d.01-1d.07	Planning a SEC	Types of Data	Population and Sampling	Collecting data	SEC completion and evaluation of all concepts	**A**	**A**
B: Tabulation, diagrams and representation	2a.01-2a.08	Represent data pictorially (pie, venn, stem)	Interpret and compare data pictorially (population pyramid, choropleth)	Represent data graphically (box plots, cum freq)	Represent data graphically (histogram)	Justify and produce accurate visualization of data with regard to its nature	**B**	**B**
C: Measures of central tendency and dispersion	2a.09-2a.10 2b.01-2b.03 2c.01-2c.05	Identify Skewness and determine by calculation	Calculate and use averages for grouped and discrete data, (weighted and geometric mean)	Measures of spread including SD	Outliers using calculations	Compare and comment using averages and measures of spread	**C**	**C**
D: Further summary statistics and correlation	2c.06 2d.01-2d.02 2e.01-2e.04	Standardise and interpret two samples	Index RPI CPI GDP	Rates of change	Interpret scatter graphs using line of best fit. Vocabulary and drawing of Scatter graphs	Line of regression calculated and plotted.	**D**	**D**

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E: Time series Quality assurance	2e.05-2e.08 2f.01-2f.02 2g.01-2g.02	Spearmans rank calculate and interpret	Interpret PMCC and understand the difference between spearman and PMCC	Moving averages	Interpret and predict trends in context	Quality assurance	**E**	**E**
F: Estimations Probability	2h.01-2h.03 3p.01-3p.04	Estimate population characteristics	Apply Petersen	Calculate estimates of probability	Expected frequency calculations	Risks	**F**	**F**
G: Probability	3p.05-3p.08	Compare actual and theoretical probability	Probability using graphical representation SS Two way	Probability using graphical representation tree diagrams	Probability using graphical representation Venn diagrams	Independent events	**G**	**G**
H: Probability	3p.09-3p.013	Conditional probability	Bias in experimental and theoretical values	Know and interpret characteristics of Binomial distribution	Know and interpret characteristics of Normal distribution	Normal distribution and key sd %	**H**	**H**