Pearson Tutoring Programme Resources Mapping



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