

NAME		TEACHER				
My GCSE Target Grade is		End of Cycle Teacher Assessment Please circle				
		SAE	AE	E	BE	SBE
End of unit assessment type		Your end of topic assessment will be a written exam.				

YEAR 9H (DELTA/THETA)	CYCLE 3: DATA & NUMBER
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		Knowledge	Prior knowledge	End of topic
Data	Stem & Leaf Diagrams – I can construct and use single and back-to-back stem and leaf diagrams and find the median and range			
	Averages & Range – I can decide which average is best for a set of data, estimate the mean and range from a grouped frequency table and find the modal class			
	Pie Charts – I can construct and interpret pie charts and make comparisons in context			
	Frequency Polygons – I can construct and use frequency polygons			
	Scatter Graphs – I can plot and interpret scatter graphs and determine if there is a relationship between two variables AND use a line of best fit to estimate values			
	Two Way Tables - I can complete and construct my own two-way tables to solve problems			
	Time Series - I can plot and interpret time series graphs and forecast future trends			
Fractions & Percentage	Numerical Fractions – I can add subtract, multiple and divide fractions and mixed numbers			
	Algebraic Fractions – I can simplify, add & subtract basic algebraic fractions by finding the LCM			
	Percentage of Amount – I can find any percentage of an amount (with & without a calculator)			
	Percentage Change - I can find percentage increases / decreases and apply to problems			
Ratio	Conversions – I can change freely between related standard units (such as time, length, area, volume/capacity and mass)			
	Proportion 1 - I can express one quantity as a fraction of another, where the fraction is less than 1 and greater than 1			
	Proportion 2 - I can recognise and use direct proportion and apply to problems involving money and measures			
	Ratio 1 – I can simplify and compare ratios and write ratios using the unitary method			
	Ratio 2 – I can divide a given quantity into 2+ parts in a given <u>part:part</u> or <u>whole:part</u> ratio			

LEARNING TOOLS

KEY CONCEPTS	Pie Chart	A way of presenting data to easily make comparisons			
KEY WORDS	Median	Reciprocal	Line of Best Fit	Factorise	
KEY EQUATIONS	Percentages tricks: To find 10%, divide by ____ To find 5%, divide by ____ To find 2%, divide by ____ To find 1%, divide by ____				