Curriculum Sequencing Overview – Year 9 Higher



Unit 3												
Week	1	2	3	4	5	6	7	8				
Date wb	23/01/23	30/01/23	06/02/23	20/02/23	27/02/23	06/03/23	13/03/23	20/03/23				
Key dates Big ideas (key concepts)	Unit 2 KA data	Year 9 mid-year	Year 9 parents	Year 9 options								
	due	data due	evening	deadline								
	Averages and range		Representing and interpreting data		Scatter Graphs	Revision,	Fractions					
						feedback						
Lesson topics sequence	Design and use two-way tables		Produce and interpret composite bar		Draw and interpret	Unit 3 Revision,	Express a given number as a fraction of another					
	For discrete and grouped data		Compare data from pio charts that		Draw lines of best fit	foodback close	Find equivalent and compare					
	and discrete or continuous		represent different sized samples		understand it	the loop	the size of fractions					
	and discrete of continuous		Produce and interpret frequency		represents	the loop	Write a fraction in its simplest					
	Calculate averages and range		polygons		Identify outliers and		form					
	from a data set		Calculate averages and the range		ignore them on		Find a fraction of a quantity or					
	Recognise the advantages and		from frequency polygons including		scatter graphs		measurement					
	disadvantages between measures		frequency diagrams for grouped		Use a line of best fit,		Convert a fraction to a decimal					
	of average		data.		to predict values		Convert between mixed					
	Construct, interpret and calculate		Produce histograms with equal class		Distinguish between		numbers and improper fractions					
	averages and range from a stem		intervals and interpret data from		positive, negative		Add, subtract, multiply and					
	and leaf diagrams		histograms.		and zero correlation		divide fractions					
	Compare two distributions from		Produce and interpret line graphs		Interpret correlation		Understand and use unit					
	stem and leaf diagrams		Construct and interpret time-series		in terms of the		fractions as multiplicative					
	Calculate averages and range		graphs, comment on trends and		problem		inverses					
	from a frequency table and		compare the averages and ranges of		Interpolate and		Convert a fraction to a recurring					
	grouped frequency table.		more than one distribution		extrapolate from a		decimal and vice versa					
			characteristics relationships in har		scatter graph,		decimal or fraction					
			charts line graphs and frequency		trends whilst		decimal, or fraction					
			nolygons		knowing the dangers							
			polygons		of so doing							
Kana						Unit 3		Unit 3 KA				
Key						Assessment						
assessments												
Homework	1-page self-	1-page self-	1-page self-	1-page self-	1-page self-quizzing,	1-page self-	1-page self-	1-page self-				
	quizzing, unit 3	quizzing, unit 3	quizzing, unit 3	quizzing, unit 3	unit 3	quizzing, unit 3	quizzing, unit	quizzing, unit 3				
	Types of data 1	Types of data 6	Tables 1 – 4	Averages and	Representing and	Representing	3	Scatter graphs				
	-5	- 11	Hegarty tasks	range 1 – 4	interpreting data 1 –	and interpreting	Scatter	7 - 11				
	Hegarty tasks	Hegarty tasks	441 and 450	Hegarty tasks 429	5	data 6 – 10	graphs 1 – 6	Hegarty tasks				

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423 and 424	432 and 433	and 451	Hegarty tasks 454	Hegarty tasks	Hegarty tasks	53 and 54	
			and 425	170 and 919	71 and 80		