

Curriculum Sequencing Overview – Year 9 Higher

Unit 4								
Week	1	2	3	4	5	6	7	8
Date wb	27/03/23	17/04/23	24/04/23	01/05/23	08/05/23	15/05/23	22/05/22	05/06/23
Key dates	Unit 3 KA data due							
Big ideas (key concepts)	Percentages		Ratio and proportion			Revision, assessment, and feedback	Polygons angles and parallel lines	
Lesson topics sequence	Convert between fractions, decimals and percentages Express a given number as a percentage of another number Find a percentage of a quantity Work out a percentage increase or decrease, Compare two quantities using percentages Find a percentage of a quantity using a multiplier Use a multiplier to increase or decrease by a percentage Use calculators for reverse percentage Understand that fractions are more accurate in calculations than rounded percentage or decimal equivalents		Write ratios in form $1 : m$ or $m : 1$ Write ratios in their simplest form Divide a given quantity into two or more parts Use a ratio to find one quantity when the other is known Write a ratio as a fraction Write a ratio as a linear function Identify direct proportion from a table of values Use a ratio to compare a scale model to real-life object Use a ratio to convert between measures and currencies				Classify quadrilaterals by their geometric properties Distinguish between scalene, isosceles, and equilateral triangles Understand 'regular' and 'irregular' as applied to polygons Find missing angles in triangles and quadrilaterals using their geometric properties Understand and use the angle properties of parallel lines and find missing angles Use the sum of the exterior angles of any polygon is 360° Calculate missing interior and exterior angles of polygons and use these to solve problems	
Key assessments						Unit 4 Assessment		Unit 4 KA
Homework	1-page self-quizzing, unit 4 Fractions 1 – 7 Hegarty tasks 90 and 91	1-page self-quizzing, unit 4 Fractions 8 - 15 Hegarty tasks 92 and 96	1-page self-quizzing, unit 4 Percentages 1 – 5 Hegarty tasks 330 and 331	1-page self-quizzing, unit 4 Percentages 6 – 9 Hegarty tasks 333 and 334	1-page self-quizzing, unit 4 Ratio and proportion 1 – 6 Hegarty tasks 335 and 868	1-page self-quizzing, unit 4 Ratio and proportion 7 – 11 Hegarty tasks 328 and 708	1-page self-quizzing, unit 4 Percentages 1 – 5 Hegarty tasks 486 and 487	1-page self-quizzing, unit 4 Ratio and proportion 7 – 11 Hegarty tasks 561 and 562

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