Wellsway School: Maths Year 7 Overview: Core Plus



This overview shows you the topics you will cover this year! You will regularly revisit content throughout the year. To access video support for topics you find harder, you should visit: https://corbettmaths.com/contents/

	Topic Name	Content Covered	Corbett Maths Video Support
	10 più ttainio	Use 'basic' functions on a scientific calculator: + – x ÷	Constitution rides support
		Use square, square root and cube buttons	
		Use fraction button(s)	
	Number 1	Investigate sequences of numbers, looking for	278
		patterns	352
1		Understand the order of operations	
3		Interpret and solve word problems	
Term 1		Baseline Assessment	
		Two-way tables and bar charts	50, 53, 55, 56, 57
	Data 1	Averages and range	147, 148
		Grouped data	163, 164
		Pie charts	165, 166, 167, 168
		Scatter graphs and correlation	319
		Half term	313
		Simplify algebraic expressions	9
	Algebra 1 Shape 1	Substitution	11, 18
		Write algebraic expressions	16, 20
		Triangles, parallelograms, and trapeziums	10, 20
		Perimeter and area of compound shapes	1, 2, 3, 4, 5
~		Properties of 3D solids	41, 44, 45, 48, 49
Ξ		Surface area	241, 310, 311, 312
Term 2		Volume of all prisms	349a, 355, 356
'		Volume of all prisms	92, 93, 204, 98, 199, 200
	Number 2	Factors, multiples, and primes. HCF and LCM.	205, 206, 207, 209, 212, 213, 214
		Use negative numbers	216, 220, 225, 218, 219
		Multiplication and division	226, 227, 228, 229, 320, 322
		Squares, triangle numbers and square roots	400b, 400d, 400i
		Christmas	4000, 4000, 4001
		Expand Brackets	
	Algebra 2	Factorise expressions	9, 11, 13, 14, 16, 18, 20
Term 3	7 (18CB) (4 Z	Writing and using formulae	117, 118
		Assessment	
	Computing	IT Skills and an introduction to coding	https://studio.code.org/projects/public
	Computing	IT Skills and an introduction to coding Half term	https://studio.code.org/projects/public
	Computing	Half term	
		Half term Drawing and Measuring Angles	2, 327
1 4	Computing Shape 2	Half term Drawing and Measuring Angles Angles and parallel lines	2, 327 25, 30, 34, 35, 38, 39
		Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37
Term 4	Shape 2	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7
		Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110
	Shape 2	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7
	Shape 2	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115
	Shape 2 Algebra 3	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115
	Shape 2	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115
	Shape 2 Algebra 3	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions Percentages of amounts	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115
Term	Shape 2 Algebra 3	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115 121 – 135 142, 146, 137 139, 140, 144 234, 235, 238, 240
Term	Shape 2 Algebra 3	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions Percentages of amounts Reverse percentages (not with multipliers)	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115 121 – 135 142, 146, 137 139, 140, 144
	Shape 2 Algebra 3 Number 3	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions Percentages of amounts Reverse percentages (not with multipliers) Continue Sequences and the nth term	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115 121 – 135 142, 146, 137 139, 140, 144 234, 235, 238, 240 84, 85, 87, 198
Term	Shape 2 Algebra 3 Number 3	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions Percentages of amounts Reverse percentages (not with multipliers) Continue Sequences and the nth term Coordinates and line segments	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115 121 – 135 142, 146, 137 139, 140, 144 234, 235, 238, 240 84, 85, 87, 198 186, 189, 191 – 194
Term	Shape 2 Algebra 3 Number 3 Algebra 4	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions Percentages of amounts Reverse percentages (not with multipliers) Continue Sequences and the nth term Coordinates and line segments Linear Graphs	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115 121 – 135 142, 146, 137 139, 140, 144 234, 235, 238, 240 84, 85, 87, 198 186, 189, 191 – 194 286 – 290
Term	Shape 2 Algebra 3 Number 3	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions Percentages of amounts Reverse percentages (not with multipliers) Continue Sequences and the nth term Coordinates and line segments Linear Graphs Direct proportion	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115 121 – 135 142, 146, 137 139, 140, 144 234, 235, 238, 240 84, 85, 87, 198 186, 189, 191 – 194 286 – 290 136, 237
Term	Shape 2 Algebra 3 Number 3 Algebra 4	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions Percentages of amounts Reverse percentages (not with multipliers) Continue Sequences and the nth term Coordinates and line segments Linear Graphs Direct proportion Scales and measures Proportions and fractions Proportions and percentages	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115 121 – 135 142, 146, 137 139, 140, 144 234, 235, 238, 240 84, 85, 87, 198 186, 189, 191 – 194 286 – 290 136, 237 210
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Term	Shape 2 Algebra 3 Number 3 Algebra 4 Ratio 1	Half term Drawing and Measuring Angles Angles and parallel lines Angles in triangles, quadrilaterals and polygons Solve one and two-step equations Equations and Shape Rearrange formulae Easter Equivalent fractions Calculations with fractions Percentages of amounts Reverse percentages (not with multipliers) Continue Sequences and the nth term Coordinates and line segments Linear Graphs Direct proportion Scales and measures Proportions and fractions Proportions and percentages Half term	2, 327 25, 30, 34, 35, 38, 39 32, 33, 37 7 110 115 121 – 135 142, 146, 137 139, 140, 144 234, 235, 238, 240 84, 85, 87, 198 186, 189, 191 – 194 286 – 290 136, 237 210 255a, 256 284
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