

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
Term 1	Number 1	Use 'basic' functions on a scientific calculator: + – x ÷ Use square, square root and cube buttons Use fraction button(s) Investigate sequences of numbers, looking for patterns Understand the order of operations Interpret and solve word problems	278 352
	Baseline Assessment		
	Data 1	Two-way tables and bar charts Averages and range Grouped data Pie charts Scatter graphs and correlation	50, 53, 55, 56, 57 147, 148 163, 164 165, 166, 167, 168 319
Half term			
Term 2	Algebra 1	Simplify algebraic expressions Substitution Write algebraic expressions	9 11, 18 16, 20
	Shape 1	Triangles, parallelograms, and trapeziums Perimeter and area of compound shapes Properties of 3D solids Surface area Volume of all prisms	1, 2, 3, 4, 5 41, 44, 45, 48, 49 241, 310, 311, 312 349a, 355, 356
	Number 2	Factors, multiples, and primes. HCF and LCM. Use negative numbers Multiplication and division Squares, triangle numbers and square roots	92, 93, 204, 98, 199, 200 205, 206, 207, 209, 212, 213, 214 216, 220, 225, 218, 219 226, 227, 228, 229, 320, 322 400b, 400d, 400i
Christmas			
Term 3	Algebra 2	Expand Brackets Factorise expressions Writing and using formulae	9, 11, 13, 14, 16, 18, 20 117, 118
	Assessment		
	Computing	IT Skills and an introduction to coding	https://studio.code.org/projects/public
Half term			
Term 4	Shape 2	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
	Algebra 3	Solve one and two-step equations Equations and Shape Rearrange formulae	7 110 115
Easter			
Term 5	Number 3	Equivalent fractions Calculations with fractions Percentages of amounts Reverse percentages (not with multipliers)	121 – 135 142, 146, 137 139, 140, 144 234, 235, 238, 240
	Algebra 4	Continue Sequences and the nth term Coordinates and line segments Linear Graphs	84, 85, 87, 198 186, 189, 191 – 194 286 – 290
	Ratio 1	Direct proportion Scales and measures Proportions and fractions Proportions and percentages	136, 237 210 255a, 256 284
Half term			
Term 6	Ratio 1	See above	See above
	Data 2	Compare and estimate probabilities Mutually exclusive events Experimental probability Probability diagrams	244, 245, 250 247, 252 248, 249 251, 253
	Assessment		
Review + Investigations			