

Wellsway School: Maths Year 7 Overview: Core



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	Interpret & display data on graphs & charts Calculate Averages and compare data Grouped data	50, 53, 56, 57 147, 148, 162 321
Half term			
Term 2	Algebra 1	Functions Simplify expressions Write expressions	9 11, 18 16, 20, 386
	Shape 1	Area and perimeter of rectangles & triangles Simple compound area Area of a parallelogram Name and describe 2D and 3D shapes Volume of cubes and cuboids Surface area of cubes and cuboids	1, 2, 3, 4, 5 41, 44, 45, 49 241 310 349a 355
	Number 2	Addition and subtraction Multiplication and Division Factors, multiples and primes Negative numbers Square and triangular numbers FINANCE: Time and money	6, 304, 90, 91 98, 199, 200 205, 206, 207, 209 212, 213, 214, 216, 220, 225 226, 227, 228, 229, 320, 322 400b, 400d, 400i
Christmas			
Term 3	Algebra 2	Substitute into formulae inc. STEM formulae Create formulae Expressions with brackets	9, 11, 13, 14, 16, 18, 20
	Assessment		
	Computing	IT Skills and an introduction to coding	https://studio.code.org/projects/public
Half term			
Term 4	Shape 2	Lines, angles and triangles Estimate, measure and draw angles Draw triangles accurately Angles in triangles and quadrilaterals	2, 327 28, 29, 31, 38 30, 34, 35, 37, 39
	Algebra 3	Review expanding brackets from Algebra 2 Factorise expressions Solve one step equations	13, 14 17 110
Easter			
Term 5	Number 3	Compare Fractions Simplify fractions Convert FDP Fractions and percentages of amounts	121- 130 135, 146, 137 139, 140, 144 234, 235, 238
	Algebra 4	Sequences and patterns Find nth term Coordinates Straight line Graphs	84, 85 87, 198 192, 193 286 – 290
	Ratio 1	Direct proportion Compare Proportions using percentages Scales, measures and conversions Maps and scales	136, 237, 210 255a, 256 283, 284 349a, 349b, 349c
Half term			
Term 6	Ratio 1	See above	See above
	Data 2	The language of probability Calculate probability Experimental probability	244, 245, 250 248 251, 253
	Assessment		
Review + Investigations			