

Year 8 Mathematics Curriculum 2025-2026

This table provides an overview of the curriculum for Year 8 for this term. The links provided are to enable you to choose the most appropriate lessons for your child. Pupils also have access to the Mymaths website where they can select lessons appropriate to the topic, we are covering that week.

Week	Components	Details/examples working
Christmas		
Conscientiousness – To present work with pride	5 th January 1 week	Learning for Life: Town Planner Extending shape – volume and surface area problems, Pythagoras' Theorem (extending into introducing Trigonometry), angle facts
	12 th January 2 weeks	Learning for Life: Gardener Ratio and Proportion – simplifying, dividing by, problem solving
Perseverance – to problem solve	26th January 2 weeks	Learning for Life: Artist Shape – transformations including reflection, rotation, translation and enlargement (extension: centres of enlargement and negative and fractional scale factors) include similar shapes and congruent shapes
		DrAustin Volume of a cuboid practise grid Corbett Maths: Volume of cube/cuboid Q4 onwards DrAustin Surface area of cubes and cuboids PS DrAustin Volume of prism PS DrAustin Volume and Surface areas of cylinders PS Corbett Maths Pythagoras: Distance Points Corbett Maths Surface Area of a sphere DrAustin Equivalent Ratio Match Up Corbett Maths: Express as fraction or % Corbett Maths: Ratio: Sharing the total Corbett Maths: Ratio: Given one quantity Corbett Maths: Proportion Unitary method Corbett Maths: Ratio: Expressing as 1:n page Corbett Maths: Number: Best Buys DrAustin Mixed Ratio Practise Grid Corbett Maths: Congruent Triangles Corbett Maths: Angles: Bearings DrAustin Measuring bearings match up DrAustin: Drawing Scale diagrams practice grid DrAustin Measuring/drawing bearing practise grid DrAustin Describing Enlargements DrAustin Describing Translations DrAustin Describing Reflections

		DrAustin Rotations PG (Need tracing paper)
9 th Feb 1 week	Learning for Life: Web Designer Sequences revisited – finding missing terms, rules including term to term and introduction to nth term, geometric and special sequences such as triangle numbers and Fibonacci (extension: nth term for quadratic sequences)	DrAustin nth term of a linear sequence practise strip Quadratic sequences Sequences Worksheet nth term formula Mathsbox: Sequences 3 DrAustin nth term of ascending linear sequence practise strip
Half Term		
23 rd February 2 weeks	Learning for Life: Graphics Engineer Constructions – triangles, bisectors, scale drawing, loci, bearings	DrAustin Constructing Triangle PS DrAustin Constructing triangles practise grid DrAustin Constructing bisector scaffolded practise grid DrAustin Loci Practise grid Properties of shape DS 2D shape construction Triangle construction and labelling
9 th March 2 weeks	Learning for Life: Mechanical Engineer Algebra – linear equations, solving one step, two step, unknowns on both sides, equations including fractions and negative numbers (extension: expanding quadratic equations)	MathsBox: Expanding double brackets 4 MathsBox: Expanding double brackets 5 (squared) DrAustin Expanding double brackets practise strips DrAustin Factorising with common factors Practise strips DrAustin Factorising with common factors Practise grid DrAustin Expanding and factorising revision fill Corbett Maths: Changing the subject/changing the subject advanced Corbett Maths: Simultaneous equations (Elimination) Linear, two step, using fractions and negatives DrAustin Solving three step equations practice strip
23 rd March 1 week	Learning for Life: Financial Analyst Mental maths – order of operations, negative numbers and problem solving	Corbett Maths: Best Buys Corbett Maths: Number: Midpoint of two numbers Corbett Maths: Using calculations page 1 Corbett Maths: Rounding: Lowest/Highest values

		Corbett Maths: BODMAS Q2-Q4 Corbett Maths: Rounding: Decimals DrAustin Writing large numbers in Standard Form PS
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Easter		
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