Year 8 Mathematics Curriculum 2026-2027

This table provides an overview of the curriculum for Year 7 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.

Conscientiousness – To present work with pride

Perseverance – to problem solve

Week	**Components**	Details/examples working
3rd September 1.5 weeks	**Learning for Life: Cyber Crime Investigator** Number – factors, multiples, primes, prime factor form, LCM, HCF, powers and roots, indices, rounding and estimation	Corbett Maths: Number: Factors Corbett Maths: Prime numbers Find prime factors and express in index form e.g. 12 = 3 x 2 x 2 = 3 x 2squared. Corbett Maths: HCF Factors and LCM and HCF Powers and routes. Corbett Maths: Estimation Corbett: Laws of Indices
14th September 2 weeks	**Learning for Life: Artist** Shape – measures including converting between metric and imperial measure, time & money, area, perimeter including circles (extension: volume and surface area)	Corbett Maths: Area of compound shapes Area and circumference of circles DrAustin: Converting time Odd one out DrAustin: Volume of a cuboid practice grid Corbett Maths: Time: Calculations Corbett Maths: Area of triangles MathsBox: QuickCover: Volume 1 Task 1 and 2
28th Sept 2 weeks	**Learning for Life: Computer Programmer** Algebra – collecting terms, substitution and formulae, brackets, powers/indices (extension: introduction to factorising)	Corbett Maths: Collecting like terms Q1-4 Apply Q1 Expanding brackets differentiated Corbett Maths Expanding two brackets Maths Box: Expanding Brackets: Expanding a(ex + b) ± c(fx ± d) Taylord: Basic substitution Corbett Maths: Substitution Q1 and Q2 and Apply Corbett Maths: Factorisation Corbett Maths: Substitution Q3 and Q4 and Apply
12th October 1 week	**Learning for Life: Systems Engineer** Algebra – sequences including nth term	Nth term formula MathsBox: Sequences: Linear Sequences 2/3 DrAustin nth term of a linear sequence practise strip

Perseverance – to problem solve

		DrAustin: nth term of ascending linear sequence practise strip
19th Oct 1 week	**Learning for Life: Accountant (continued after half term)** Fractions, decimals and percentages – equivalents, calculating with, % change including using decimal equivalents for using a calculator	Taylord: Dividing fractions Multiplying fractions and mixed numbers Multiplying decimals Taylord: Converting fractions to decimals and percentages Fractions into Decimals Whiteboard
Half Term		
2nd November 1 week	**Learning for Life: Accountant** Fractions, decimals and percentages – equivalents, calculating with, % change including using decimal equivalents for using a calculator	Corbett Maths: Percentages to fractions Q1 and Q2 Fractions in a sequence Corbett Maths: Percentages to fractions Corbett Maths: FDP Mixture Dr Austin: Percentage increase and decrease Fill in the Blanks
9th November 2 weeks	**Learning for Life: Transport Engineer** Angles & 2D shapes –including angle rules and between parallel lines	MathsBox: QC: Angles 1 MathsBox: QC: Angles 2 MathsBox: QC: Angles 3 Missing angles in triangles DrAustin Angles in Quadrilaterals Grid Measuring angles around a point Corbett Maths: Angles: Quadrilaterals Angles and Algebra MathsBox: QC: Angles 4 DrAustin Finding the length of the hypotenuse practise strips DrAustin Finding the length of a short side DrAustin Using Pythagoras Theoren practise strips Corbett Maths: Pythagoras Q5 and Apply or Q2 onwards
23rd November 2 weeks	**Learning for Life: Stock Market Analyst**	Drawing Stright line graphs Straight Line graphs Corbett Maths Linear Graphs Drawing (xy table)

	Graphs – coordinates, straight line graphs, equation of a straight-line graph, plotting graphs from equations, straight lines and simple curves – link to linear and quadratic language, real life graphs (extension: mid points of coordinate pairs)	Corbett Maths Linear Graphs: Find equation of a line Q1 and Q2 Corbett Maths Linear graphs: Gradient of a line Q1 Corbett Maths Linear graphs: Gradient of a line Q3 and Q5 Corbett Maths Linear Graphs: Find equation of a line Q3, Q4 DrAustin: Finding Gradients PG
7th December 2 weeks	Shape – transformations including reflection, rotation, translation and enlargement (extension: centres of enlargement and negative and fractional scale factors) include similar shapes and congruent shapes.	Reflective symmetry and plotting coordinates DrAustin Reflections Practice grid Corbett Maths: Reflections. Pages 2 and 3. There are trickier pages Reflections Rotation DrAustin: Enlargements Practice grid Elevations and Plans