

Year 7 Mathematics Curriculum 2025-2026

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.

Week	Topic	Details/examples working	
Christmas			
Conscientiousness – to present work with pride	5 th January 3 weeks	<p>Learning for Life: Stock Market Trader</p> <p>Fractions, decimals and percentages – equivalents and conversion, simplification, fractions and percentages of amounts, including using a calculator and decimal equivalents for percentages of amounts, calculating with fractions (+ - x ÷)</p>	<p>Corbett Maths: FDP: Key equivalents</p> <p>MathsBox: QuickCover: Fractions 1</p> <p>DrAustin: Adding and subtracting mixed fractions Fill in the blanks</p> <p>Dividing with fractions</p> <p>MathsBox: QuickCover: Fractions 6</p> <p>Corbett Maths: FDP Fractions to decimals</p> <p>Fractions to percentages</p> <p>Corbett Mathsett: Decimals: Ordering</p> <p>DrAustin Fractions Decimals Percentages Decode the Joke</p> <p>Corbett Maths: FDP: Fractions to percentages</p> <p>FDP with inverse operations</p> <p>Corbett Maths: Perc: Multipliers</p>
	26 th January 1 week	<p>Learning for Life: Architect Shape – transformations and symmetry, reflection, rotation and translations, tessellations</p>	<p>Rotation</p> <p>Reflective symmetry and plotting coordinates</p> <p>Corbett Maths: Reflections. Pages 1 and 3</p> <p>DrAustin Reflections Practice grid</p> <p>DrAustin Enlargements Practice grid</p> <p>Reflections</p> <p>Rotational symmetry investigation</p> <p>DrAustin Symmetry Maths Challenge Questions</p>
Perseverance – to problem solve	2 nd Feb 2 weeks	<p>Learning for Life: Technology Developer</p> <p>Algebra – equations, solving simple equations, one and two steps, extending into equations with</p>	<p>Maths Box: Differentiated: Linear Equations: Solving equations 1</p> <p>Maths Box: Solving equations 2</p> <p>Maths Box: Solving equations 3</p> <p>Corbett Maths: Equations: Solving page 1</p>

Courage – to take a chance and learn from it

Curiosity – to learn something new every lesson

	single brackets and unknowns on both sides	Corbett Maths: Equations: Solving page 2 Corbett Maths: Equations: Solving Q5+Apply
Half Term		
23 rd February 1 weeks	Learning for Life: Technology Developer Algebra – equations, solving simple equations, one and two steps, extending into equations with single brackets and unknowns on both sides	Corbett Maths: Equations: Letters on both sides Maths Box: Expanding Brackets: Expanding DrAustin: Using algebra in shapes practice grid. Corbett Maths: Algebra: Expressions - forming DrAustin Solving equations with fractions
2 nd March 2 weeks	Learning for Life: Financial Adviser Number – factors, multiples, primes, powers and roots, LCM and HCF, prime factor form, Venn diagrams	Corbett Maths: Common multiples/LCM Corbett Maths: Common factors/HCF Corbett: Primes numbers Product of prime factors. Corbett Maths: Laws of indices Powers and Roots Corbett Maths: Square numbers
16 th March 1 week	Learning for Life: Pilot Shape – Construction of triangles using protractors and using ruler and pair of compasses, 3D shapes, nets and volume, extend into plans and elevations/Loci/Scale drawing	Triangle construction ASA Triangle construction and labelling Triangle construction SSS DrAustin Drawing and measuring bearings practise grid
23 rd March 1 week	Learning for Life: Economist Decimal calculation – revision of calculating with decimals w/c 28 th March – will include assessments)	DrAustin Multiplying integers and decimals practice strips DrAustin Dividing integers and decimals practice strip Corbett Maths: Division: by decimals DrAustin Investigating terminating and recurring decimals DrAustin: Terminating and recurring decimals practice strips
Easter		
13 th April 2 weeks	Learning for Life: Computer Systems Developer	Corbett Maths: Describing rules MathsBox: QG: Missing terms: tenths and hundredths and directed numbers

	<p>Sequences – finding missing terms, rules including term to term and introduction to nth term</p>	<p>MathsBox: QG: Generating Sequences Top 3 MathsBox: QG: Generating Sequences Bottom 3 Nth term formula DrAustin: nth term of an ascending linear sequence Fill in the Blanks</p>
<p>27th April 2 weeks</p>	<p>Learning for Life: Doctor Ratio and Proportion – proportion, direct proportion, ratio, using ratio and ratio problems</p>	<p>Corbett Maths: Ratio: Simplifying: Q2-Q4 Corbett Maths: Ratio Simplifying 1:n, n:1 Corbett Maths: Ratio: Express as a fraction Corbett Maths: Ratio: Sharing the total Corbett Maths: Ratio: Given one value Corbett Maths: Proportion: Unitary method DrAustin: Unitary method match-up DrAustin: Currency conversions</p>
<p>11th May 1 week</p>	<p>Learning for Life: Business Analyst Probability – probability notation and problems, equally likely events, mutually exclusive events, experimental probability, $P'(\text{event}) = 1 - P(\text{event})$ (probability of an event not happening is 1 – probability of event happening, Venn diagrams Extension into simple sample space diagrams</p>	<p>Corbett Maths: Basic probability DrAustin: Probability with counters PG DrAustin: Probability with spinners PG DrAustin: Two-way tables and probability PS</p>
<p>18th May 1 week</p>	<p>Learning for Life: Economist Algebra – collecting terms, powers and index rules, substitution with powers, revision of single brackets and simplifying more complex expressions</p>	<p>DrAustin Simplifying Algebraic Fractions Fill in Blanks DrAustin Multiplying Algebraic Fractions Fill in blanks DrAustin Adding and Subtracting Algebraic fractions Fill in the Blanks DrAustin Mixed Operations with Algebraic Fractions PS</p>
Half term		
<p>1st June 2 weeks</p>	<p>Learning for Life: Mortgage Advisor (w/c 10th June will include GL assessments) Percentages – percentages of amounts and simple percentage change including using decimal</p>	<p>Corbett Maths: FDP: Percentage to decimal Corbett Maths: FDP: Percentage to fractions Corbett Maths: FDP: Decimals to percentages Corbett Maths: FDP: Fractions to percentages Corbett Maths: Percentages: Expressing as Corbett Maths: Percentages: increasing/decreasing</p>

	equivalents to solve using a calculator	<p>Maths Box: Number: Percentage: Expressing as a percentage</p> <p>Corbett Maths: Percentages: of an amount (non calc)</p> <p>Percentage change</p> <p>DrAustin: Mixed % Revision PG</p> <p>Corbett Maths: Percentages Compound interest.</p> <p>DrAustin Percentage Change Fill in the Blanks</p>
15 th June 2 weeks	<p>Learning for Life: Financial Director</p> <p>Calculations – negative numbers (+ - x ÷)</p>	<p>Corbett Maths: Order of Operations</p> <p>Corbett Maths: Use of a calculator</p> <p>DrAustin Using a calculator Crack the Code</p> <p>Corbett Maths: Number: Using calculations</p> <p>Corbett Maths: Negative indices</p> <p>Corbett Maths: Multiplication decimals</p> <p>MathsBox: Differentiated Questions: Substitution</p> <p>Corbett Maths: Square roots</p> <p>Corbett Maths: Fractions to Decimals (calc)</p> <p>DrAustin : Negative numbers Crack the code</p> <p>DrAustin Negative numbers decode the joke</p>
29 th June 1 week	<p>Learning for Life: Pilot Shape – Construction of triangles using protractors and using ruler and pair of compasses, 3D shapes, nets and volume, extend into plans and elevations/Loci/Scale drawing</p>	<p>DrAustin: Using map scales practice strips</p> <p>Corbett Maths: Surface area</p> <p>2D shape construction</p> <p>To draw 3D shapes on isometric paper</p>
6 th July 3 weeks	<p>Learning for Life: Fashion Designer Statistics – mean, median and mode, range, graphs, tables and charts, questionnaires and collecting data</p> <p>Everyday maths projects from Mymaths Chapter 17</p> <p>End of year revision and activities</p>	<p>DrAustin Mixed Algebra Revision Practise Grid 1</p> <p>DrAustin Number Revision Practise Grid 2</p> <p>Converting Currency</p>