

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Year 7	1) Unit 1 Calculation 2.1 Adding 2.2 Subtracting 2.3 Multiplying 2.4 Dividing 2.4 Dividing2. 2.5 Using the four operations 2.6 Positive and negative numbers Half term test and reteach 2) Unit 2 Analysing and displaying data 1.1 Tables and pictograms 1.2 Bar charts 1.3 Grouped data 1.4 Mode and modal class 1.5 Range and median 1.6 Mean	3)Unit 3 Expressions, functions and Formulae 3.1 Using functions 3.2 Function machines 3.3 Simplify expressions 3.4 Writing expressions 3.5 STEM: Using formulae 3.6 Writing formula 4) Unit 4: Graphs 4.1 Real-life graphs 4.2 Coordinates 4.3 Graphs of functions 4.4 STEM: Scientific graphs Half term test and reteach	5) Unit 5 Factors and multiples 5.1 Number rules and relationships 5.2 Multiples 5.3 Multiplication 5.4 Division 5.6 Factors and primes 5.7 Common factors and multiples 6) Unit 6 Decimals and measures 6.3 Metric units 6.4 Adding and subtracting decimals 6.5 Rounding 6.6 Multiplying and dividing decimals 6.7 FINANCE: Calculating with money Half term test and reteach	7) Unit 7 Angles and lines 7.1 Right angles and lines 7.2 Measuring angles 1 7.3 Measuring angles 2 7.4 Drawing and estimating angles 7.5 Putting angles together 8) Unit 8 Measuring and shapes 8.1 Shapes 8.2 Symmetry in shapes 8.3 More symmetry 8.4 Regular polygons 8.5 Perimeter 8.6 Area Half term test and reteach	9) Unit 9 Fractions, decimals and percentage s. 9.1 Comparing fractions 9.2 Equivalent fractions 9.3 Calculating with fractions 9.4 Adding and subtracting fractions 9.5 Introducing percentages 9.6 FINANCE: Finding percentages Review of calculation Review expression, functions & formulae Half term test and reteach	Unit 10: Transformations 10.1 Reflection 10.2 Translation 10.3 Rotation 10.4 STEM: Congruency • Review of unit 6 & 8

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Year 8	1) Unit 1 Number properties and calculations and ratios 1.1 Adding and subtracting with larger numbers 1.2 More calculations 1.3 Negative numbers 1.4 STEM: Writing ratios 1.5 Using ratios to solve problems 2) Unit 2 Shapes and measures in 3D 2.1 3D solids 2.2 Nets of 3D solids 2.3 Surface area 2.4 Volume 2.5 Working with measures Half term test and reteach	3) Unit 3 Statistics 3.1 Data collection sheets 3.2 Interpreting bar charts 3.3 Drawing bar charts 3.4 STEM: Pie charts 4) Unit 4 Expressions and equations 4.1 Simplifying expressions 4.2 Functions 4.3 Solving equations 4.4 Using brackets Half term test and reteach	5) Unit 5 Decimals calculations 5.1 Adding and subtracting decimals 5.2 Multiplying decimals 5.3 Ordering and rounding decimals 5.4 STEM: Problem-solving with decimals 6) Unit 6 Angles 6.1 Measuring and drawing angles 6.2 Vertically opposite angles 6.3 Angles in triangles 6.4 Drawing triangles accurately 6.5 Designing nets Half term test and reteach	7) Unit 7 Number properties 7.1 Squares, cubes and roots 7.2 Calculating with brackets and indices 7.3 LCM and HCF 7.4 Prime factor decomposition 8) Unit 8 Sequences 8.1 Generating sequences 8.2 Extending sequences 8.3 Special sequences 8.4 Position-to-term rules 8.5 Finding the nth term Half term test and reteach	9) Unit 9 Fractions and percentages 9.1 Comparing fractions 9.2 Fractions of amounts 9.3 Adding and subtracting fractions 9.4 Fractions and percentages 9.5 Calculating percentages 9.6 STEM: Percentages and proportion Review number End of term test and reteach	10) Unit 10 Probability 10.1 The language of probability 10.2 Outcomes 10.3 Probability calculations 10.4 Experimental probability 10.5 FINANCE: Comparing probabilities Review decimal calculation Review fractions and percentages End of year test and reteach
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Year 9	1) Unit 1 Number calculation s 1.2 Multiplying 1.3 Dividing 1.4 Multiplying and dividing negative numbers 1.5 Squares, cubes and roots 1.6 More powers 1.6 Calculations 2) Unit 2 Sequences and equations 2.1 Algebraic expressions 2.2 Using the nth term 2.3 Finding the nth term 2.4 Solving equations Half term test and reteach	3) Unit 3 Statistics 3.1 Planning a survey 3.2 Statistics from tables 3.3 Comparing data 3.4 Tables 3.5 Pie charts and scatter graphs 3.6 FINANCE: Misleading graphs 3.7 Writing a report 4) Unit 4 Fractions, decimals and percentages 4.1 Adding and subtracting fractions 4.2 Multiplying fractions 4.3 Dividing fractions 4.4 Comparing proportions 4.5 FINANCE: Percentage change Half term test and reteach	5) Unit 5 Geometry in 2D and 3D 5.1 Angles 5.2 Maps and scales 5.3 Constructions 5.4 3D solids 5.5 Pythagoras' theorem 6) Unit 6 Algebraic and real-life graphs 6.1 Reading graphs 6.2 Plotting graphs 6.3 Distance-time graphs 6.4 Midpoints 6.5 Intercepts and gradients Half term test and reteach	7) Unit 7 Multiplicative reasoning 7.1 STEM: Using ratios 7.2 Using proportions 7.3 Problem-solving with proportions 7.4 Measures and conversions 8) Unit 8 Algebraic and geometric formulae 8.1 Substituting into formulae 8.2 More complex formulae 8.3 Formulae in geometry 8.4 Compound shapes 8.5 Circles Half term test and reteach	9) Unit 9 Probability 9.1 Probability experiments 9.2 Sample space diagrams 9.3 MODELLING: Two-way tables 9.4 Tree diagrams • Review fraction, decimals and percentages Half term test and reteach	Unit 10 Polygons and transformations 10.1 Quadrilaterals 10.2 Triangles 10.3 Transformations 10.4 Enlargement 10.5 Congruent shapes • Review Ratio End of year test and reteach
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