

Year	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
	Algebraic Thinking	Place value and	Applications of Number	Directed number	Lines and Angles	Reasoning with Number
7	Sequences Understand and use algebraic notation Equality and equivalence	Place value and ordering integers and decimals Fraction, decimal and percentage equivalence	Solve problems with addition, subtraction multiplication and division Fractions and percentages of amounts	Four operations with directed number Fractional thinking Addition and subtraction of fractions	Constructing, measuring and using geometric notation Developing geometric reasoning	Developing Number sense Sets and probability Prime numbers and proof
	Proportional reasoning	Representations	Algebraic techniques	Developing Number	Developing Geometry	Reasoning with Data
8	Ratio and scale Multiplicative change Multiplying and dividing fractions	 Working in the Cartesian plane Representing data Tables and probability 	Brackets, equations and inequalities Sequences Indices	Fractions and percentagesStandard index formNumber sense	 Angles in parallel lines and polygons Area of trapezia and circles Line symmetry and 	· The data handling cycle · Measures of location
			5 1 11 21 1		reflection	
9	Reasoning with Algebra · Straight-line graphs · Forming and solving equations · Testing conjectures	Constructing in 2 and 3 dimensions Three dimensional shapes Constructions and Congruency	Reasoning with Number Numbers Using percentages Maths and money	Reasoning with Geometry Deduction Rotation and translation Pythagoras' Theorem	Reasoning with Proportion Enlargement and similarity Solving ratio and proportion problems Rates	Representations Probability Algebraic representation Revision Handling data, error intervals, sequences
10	Similarity · Congruence, similarity and enlargement · Trigonometry	Developing Algebra Representing equations and inequalities Simultaneous equations	Geometry · Angles and bearings · Working with circles · Vectors	Proportions and proportional change Ratios and fractions Percentages and interest Probability	Collecting, representing and interpreting data Non calculator methods	Number Types of number and sequences Indices and roots Manipulating expressions
11	Graphs · Gradients and lines · Non-linear graphs · Using graphs	Algebra • Expanding and factorising • Changing the subject • Functions	Revision Reasoning · Multiplicative · Geometric · Algebraic	Revision Communicate Transforming and constructing Listing and describing Show that	Revision	Revision