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Analysing and displaying data 1.1 Mode, median and range 1.2 Displaying data 1.3 Grouping data 1.4 Averages and comparing data 1.5 Line graphs and more bar charts	Statistics, graphs and charts 3.1 Pie charts 3.2 Using tables 3.3 Stem and leaf diagrams 3.4 Comparing data 3.5 Scatter graphs 3.6 Misleading graphs	Dealing with data 3.1 Collecting data 3.2 Calculating averages 3.3 Displaying and analysing data 3.4 Presenting and comparing data 3.5 Pie charts
Probability 6.1 The language of probability 6.2 Calculating probability 6.3 More probability calculations 6.4 Experimental probability 6.5 Expected outcomes		Probability 9.1 Mutually exclusive events 9.2 Experimental and theoretical probability 9.3 Sample space diagrams 9.4 Two-way tables 9.5 Venn diagrams 9.6 Use set notation

Number Skills 2.1 Mental maths 2.2 Addition and subtraction 2.3 Multiplication 2.4 Division 2.5 Money and time 2.6 Negative numbers 2.7 Factors, Multiples and Prime Numbers 2.8 Square numbers	Number 1.1 Calculations 1.2 Divisibility and division 1.3 Calculating with negative integers 1.4 Power and roots 1.5 Powers, roots and brackets 1.6 More powers, multiples and factors	Indices and standard form 1.1 Indices 1.2 Calculations and estimates 1.3 More indices 1.4 Standard form
Fractions and percentages 5.1 Comparing Fractions 5.2 Simplifying fractions 5.3 Working with fractions 5.4 Fractions and decimals 5.5 Understanding percentages 5.6 Percentages of amounts 5.7 Multiplying fractions 5.8 Dividing fractions	Calculating with fractions 8.1 Ordering fractions 8.2 Adding and subtracting fractions 8.3 Multiplying fractions 8.4 Dividing fractions 8.5 Calculating with mixed numbers	
	Percentages, decimals and fractions 10.1 Fractions and decimals 10.2 Equivalent proportions 10.3 Writing percentages 10.4 Percentages of amounts	

Expressions, functions and formulae 3.1 Functions 3.2 Simplifying expressions 1 3.3 Simplifying expressions 2 3.4 Writing expressions 3.5 Substituting into a formula 3.6 Writing formulae 3.7 Solving one-step equations 3.8 Solving multi-step equations 3.9 Forming and solving equations	Expressions and equations 4.1 Algebraic powers 4.2 Expressions and brackets 4.3 Factorising expressions 4.4 One-step equations 4.5 Two-step equations 4.6 Multi-step equations	Expressions and formulae 2.1 Solving equations 2.2 Substituting into expressions 2.3 Writing and using formulae 2.4 Using and <u>rearranging</u> formulae 2.5 Index laws and brackets <u>2.6 Expanding double brackets</u>
Sequences and graphs 9.1 Sequences 9.2 Pattern sequences 9.3 Coordinates and midpoints 9.4 Extending sequences 9.5 Straight-line graphs 9.6 Position-to-term rules	Real-life graphs 5.1 Conversion graphs 5.2 Distance-time graphs 5.3 Line graphs 5.4 More line graphs	Sequences, inequalities, equations and proportion 6.1 n^{th} term of arithmetic sequences <u>6.2 Non-linear sequences (N1/S1 only)</u> 6.3 Inequalities 6.4 Solving equations <u>6.5 Proportion</u>
	Straight-line graphs 9.1 Gradients 9.2 Equations of straight lines	Graphs 8.1 Using $y = mx + c$ 8.2 More straight-line graphs 8.3 Simultaneous equations 8.4 Solving simultaneous equations algebraically

Decimals and measures 4.1 Decimals and rounding 4.2 Length, mass and capacity 4.3 Scales and measures 4.4 Working with decimals mentally 4.5 Working with decimals 4.6 Perimeter 4.7 Area 4.8 More units of measure	Area and volume 2.1 Area of a triangle 2.2 Area of a parallelogram and trapezium 2.3 Volumes of cubes and cuboids 2.4 2D representations of 3D solids 2.5 Surface area of cubes and cuboids 2.6 Measures <u>2.7 Area and circumference of circles</u>	Circles, Pythagoras and prisms 7.1 Circumference of a circle 7.2 Area of a circle 7.3 Pythagoras' theorem
Lines and Angles 8.1 Measuring and drawing angles 8.2 Lines, angles and triangles 8.3 Drawing triangles accurately 8.4 Calculating angles 8.5 Angles in a triangle 8.6 Quadrilaterals	Lines and angles 7.1 Quadrilaterals 7.2 Alternate angles and proof 7.3 Angles in parallel lines 7.4 Exterior and interior angles <u>7.5 Solving geometric problems</u>	Comparing shapes 10.1 The tangent ratio 10.2 The sine ratio 10.3 The cosine ratio 10.4 Using trigonometry to find angles
Transformations 10.1 Congruency and enlargements 10.2 Symmetry 10.3 Reflection 10.4 Rotation 10.5 Translations and combined transformations		Constructions <u>5.1 Using scales</u> <u>5.2 Basic constructions</u> <u>5.3 Constructing triangles</u>

Ratio and proportion 7.1 Direct proportion 7.2 Writing ratios 7.3 Using ratios 7.4 Ratios, proportions and fractions 7.5 Proportions and percentages	Decimals and ratio 6.1 Ordering decimals and rounding 6.2 Place-value calculations 6.3 Calculations with decimals 6.4 Ratio and proportion with decimals	Multiplicative reasoning 4.1 Enlargement <u>4.2 Negative and fractional scale factors</u> 4.3 Percentage change 4.4 Direct and inverse proportion
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	Statistics and Probability
	Number
	Algebra
	Geometry and Measure
	Ratio and Proportion

Underlined topics are only covered by students using the core/depth book.