**Geometry and Measures**

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| Grade | Title |
| 5 | Arc lengths and sectors |
| 5 | Derive triangle results |
| 5 | Enlargements and negative SF |
| 5 | Loci |
| 5 | Pythagoras |
| 5 | Similarity and Congruence |
| 5 | Standard constructions |
| 5 | Surface Area |
| 5 | Trigonometric ratios |
| 5 | Volume |
| 4 | Alternate and corresponding angles |
| 4 | Area of a circle |
| 4 | Areas of composite shapes |
| 4 | Area: triangles, trapezia parallelograms |
| 4 | Bearings |
| 4 | Circle terminology |
| 4 | Circumference of a circle |
| 4 | Congruent triangles |
| 4 | Enlargements and fractional SF |
| 4 | Perimeter of 2D shapes |
| 4 | Plans and elevations |
| 4 | Angles in polygons |
| 4 | Vector arithmetic |
| 4 | Volume of prisms |
| 3 | 3-D Shapes |
| 3 | Congruent and similar shapes |
| 3 | Geometrical terminology and diagrams |
| 3 | Measuring lines and angles |
| 3 | Properties of quadrilaterals |
| 3 | Properties of triangles |
| 3 | Translations and vectors |
| 3 | Using standard units |

**Algebra**

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| Grade | Title |
| 5 | Algebraic terminology |
| 5 | Cubic and Reciprocal graphs |
| 5 | Deduce quadratic roots algebraically |
| 5 | Derive an equation |
| 5 | Equation of a line |
| 5 | Expand the product of two binomials |
| 5 | Factorising quadratic expressions |
| 5 | Fibonacci, quadratic geometric sequence |
| 5 | Graphical solution to equations |
| 5 | Inequalities on number lines |
| 5 | Linear equations |
| 5 | Quadratic graphs |
| 5 | Reciprocal graphs |
| 5 | Simplify indices |
| 5 | Simplify surds |
| 5 | Solve linear inequalities |
| 5 | Writing formulae and expressions |
| 4 | Changing the subject |
| 4 | Collecting like terms |
| 4 | Factorise single bracket |
| 4 | Finding the equation of a line |
| 4 | Graphs of linear functions |
| 4 | Linear equations one unknown |
| 4 | Multiplying single brackets |
| 4 | Real life graphs |
| 4 | nth term of a linear sequence |
| 4 | Number machines |
| 4 | Substitution |
| 4 | Using "y = mx + c" |
| 3 | Coordinates in four quadrants |
| 3 | Plotting straight line graphs |
| 3 | Position to term rules |
| 3 | Square, triangular and cube numbers |
| 3 | Using Formulae |
| 2 | Sequences and Rules |

**Statistics**

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| --- | --- |
| Grade | Title |
| 5 | Histograms with equal class widths |
| 5 | Scatter graphs |
| 4 | Mean of a frequency table |
| 4 | Comparing data using graphs |
| 4 | Comparing Distributions |
| 4 | Correlation |
| 4 | Scatter Diagrams |
| 4 | Frequency polygons |
| 4 | Time series |
| 3 | Charts and Diagrams |
| 3 | Pie Charts |
| 3 | Types of data |
| 3 | Vertical Line Charts |
| 2 | Mean |
| 2 | Median, mode and range |

**Probability**

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| --- | --- |
| Grade | Title |
| 5 | Probability of dependent events |
| 5 | Probability of independent events |
| 4 | Mutually exclusive sum |
| 4 | Relative Frequency |
| 4 | Tables and Grids |
| 4 | Theoretical Probability |
| 4 | Unbiased Samples |
| 4 | Venn Diagrams |
| 3 | Frequency Trees |
| 3 | Probability of equally likely outcomes |

**Ratio, Proportion and rates of change**

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| --- | --- |
| Grade | Title |
| 5 | Compound percentage |
| 5 | Reverse percentage |
| 5 | Pressure, density and speed |
| 5 | Gradient & the rate of change |
| 5 | Growth and decay |
| 5 | Interpret Proportion |
| 5 | Percentage change |
| 5 | Problems with compound units |
| 5 | Scale factors and similarity |
| 5 | Simple Interest and Financial Maths |
| 5 | Solve Proportion Problems |
| 4 | Compare Fractions, Decimals and % |
| 4 | Compare lengths, area, volume |
| 4 | Comparing quantities as a ratio |
| 4 | Division of a quantity as a ratio |
| 4 | Express one quantity as a % of another |
| 4 | Percentage change |
| 4 | Problems involving ratio |
| 4 | Proportion and ratio |
| 4 | Ratio and fractions |
| 4 | Ratio Sharing |
| 3 | Convert standard units |
| 3 | Express quantity as a fraction of another |
| 3 | Use ratio notation |
| 3 | Use scale factors, diagrams and maps |

**Number**

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| --- | --- |
| Grade | Title |
| 5 | Calculating with fractions |
| 5 | Error intervals |
| 5 | Index Laws |
| 5 | Limits of accuracy |
| 4 | Adding and subtracting fractions |
| 4 | Checking calculations |
| 4 | Compound measures |
| 4 | Converting metric units |
| 4 | Estimation |
| 4 | Fractions and percentages |
| 4 | Fractions and ratio problems |
| 4 | Interpret calculator displays |
| 4 | LCM and HCF |
| 4 | Multiples and factors |
| 4 | Multiplying fractions |
| 4 | Operations |
| 4 | Order of operations |
| 4 | Powers |
| 4 | Rounding |
| 4 | Standard Form |
| 4 | Terminating decimals and fractions |
| 3 | Decimals |
| 3 | Listing outcomes |
| 3 | Prime numbers |
| 3 | Using standard units |
| 2 | Add and Subtract integers |
| 2 | Dividing integers |
| 2 | Multiplying integers |
| 2 | Ordering numbers |
| 2 | Place value |