

Term	Year 6	Year 7	Year 8	Year 9
1.1	AO1: Place value, BIDMAS, factors and multiples	AO1: Four operations, fractions and mixed numbers, HCF and LCM AO3: Representing data: bar charts, pictographs, tally charts, set notation	AO1: Fractions, indices and percentages AO3: Samples spaces and probability	AO1: Percentages, proportion, factorising quadratics AO3: Tree and Venn diagrams
1.2	AO1: Algebraic expressions and fractions	AO1: Fractions, decimals and percentages AO2: Estimating lengths, Units of mass and converting units	AO1: Percentages, ratios AO2: Angles, area and tessellations AO3: Scatter graphs	AO1: Solving simultaneous equations with quadratics AO3: Cumulative frequency
2.1	AO1: Decimals, percentages and converting units	AO2: Angles in shapes and lines, Properties of triangles and symmetry	AO1: Sequences and formulae AO2: Circles	AO2: Volume and area AO1: Different types of graphs
2.2	AO1: Algebraic equations AO2: Properties of shapes and perimeter AO3:	AO1: Co-ordinate geometry AO2: Properties of quadrilaterals, area and perimeter of polygons, Converting units of area and Angles in parallel lines AO2: Simple probabilities, relative frequency and symmetry	AO1: Inequalities AO2: Transformations	AO2: Similarity in shapes, trigonometry and Pythagoras' theorem in 3D applications
3.1	AO1: Fractions, decimals and percentages	AO1: Using and creating formulae, co-ordinate geometry	AO1: Graphs	AO1: Bounds, graphing inequalities and the quadratic formula
3.2	AO2: Area, volume and direction	AO1: Equations AO2: Volume and 3D shapes AO3: Pie charts, averages	AO1: Simultaneous equations AO2: Density and Pythagoras' theorem AO3: Collecting and representing data	AO1: Completing the square AO2: Surface area and circle theorems