

Year 7	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Knowledge	Number - Place Value - Addition and subtraction - Multiplication and division - Factors, Multiples and Primes - Indices and Roots - Order of operations - Negative Numbers	Algebra and Equations - Expressions, substitution, and Formulae - Like Terms and Brackets - Solving Equations	Fractions and Decimals - Conceptualising and comparing fractions - Manipulating and calculating with fractions - Decimal Place Values and conversion - Ordering decimals - Calculation with decimals	Percentages - Percentage of an amount - Percentage increase/decrease	2D Geometry - Angles - Parallel lines - Triangles - Transformations, - Symmetry - Congruence - Area and Perimeter of 2D shapes	Representations and reasoning with Data - Surface area - Volume - Collecting, organising, and displaying data
Independent Learning Link	https://vle.mathswatch.co.uk/vle/ https://www.mathsgenie.co.uk/ https://corbettmaths.com/					

Year 8	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Knowledge	Number - Factors - Multiples - HCF and LCM - Rounding and Approximations	Rate, Ratio and Percentages - Ratio - Rate - Speed - Maps and Scales - Percentages	Expressions, Equations and Proof - Expressions - Expanding Brackets - Factorising - Proof - Solving Equations - Inequalities	Coordinate Function and Sequences Linear Graphs and Sequences	Angles and Area of 2D shapes - Angles in Polygons - Area of 2D shapes - Perimeter 2D Shapes	Surface area, Volume and Statistics Graphs - Surface Area - Volume of 3D shapes - Pie Charts - Scatter Graphs - Line Graphs
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Year 9	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Knowledge	Indices and Standard Form - Laws of Indices - Standard Form, - Direct and Inverse Proportion	Algebra and Graphs - Linear Equations - Simultaneous Equations - Rearranging Formulae - Quadratic Expressions - Non-linear graphs	Geometry - Constructions - Loci - Pythagoras’ Theorem	Geometry - Congruence - Similarity and enlargement - Trigonometry - Bearings	Surface Area, Volume and Data Analysis - Volume of 3D shapes - Surface Area of 3D shapes - Histograms - Averages	Probability - Probability - Venn Diagrams - Sets
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