

Maths Long Term Plan

	Form 1	Form 2	Form 3	Form 4	Form 5	Form 6b	Form 6a
Michaelmas	Place value Big numbers Mental addition and subtraction Sequences 2, 3, 5, 10x tables 2d shapes Investigations Data collection Simple graphs Estimate, measure and record cm, m, km. Reading scales Venn and Carroll diagrams	Place value Negative numbers Sequences Addition Subtraction Shape and reasoning Length and measurement Multiplication Perimeter and co ordinates Division Ordering and rounding Problem solving	Place value Doubling and halving Addition to solve word probs. Subtraction Tu x tu grid method U x tu columns Short division (bus stop)	Place Value Counting, partitioning and calculating. Negative numbers. Decimals Using brackets. Using the memory keys in a calculator. Divisibility tests. Approximating with decimals. Square numbers. Prime numbers. Patterns and sequences. Long division.	Sequences Squares Roots Decimals % Metric cont Directed numbers Perimeter and area Estimation Order&ops Averages Stats diagrams Formulae Fractions Possibility	Numeracy Triangles Polygons Perimeter & area Fractions Algebra terms Constructions Rounding Pie charts Co-ordinates Nets/ volume Ratio	Sequences Algebra brackets Inequalities Formulae Ratio Standard form % Area Construction Pythagoras
Easter	Money Fractions 3d shapes Time Mass (g and kg) Time Logo Direction Problem solving 4, 6 times tables Division	Money Fractions and decimals Addition and subtraction Time Mass and area Direction and angle Problem solving Data handling	Decimals Units of measurements Converting larger to smaller units Square numbers Factors Prime numbers Fractions and decimal conversion % Parallel and perp lines 2d and 3d shapes	Parallelograms and rhombus. Perimeter and area. Handling data and measure. Converting units of length. Mode, range and median. Simplifying fractions. Express a quotient as a fraction. Finding fractions and percentages. Proportion and ratio. Number equations/Algebra.	Equations Ratio Co-ordinates Quads Numeracy Time Angles Transformation Bearings	Angles Negative Numbers Primes, Squares, HCF, LCM Sequences Probability Ratio & Proportion Order of Operations Rounding Transformations L2 CE revision	CASE topics: Angles & Polygons Line Graphs Speed, fractions of time Percentages Similarity & Congruence Volume & Surface Area Statistical Charts
Summer	Symmetry Nets Mental methods Angles Addition and subtraction Differences Simple calculator work Volume of liquids (l / ml)	Place value, greater and less than Written addition and subtraction Measures Reflections and parallels Symmetry Angles Multiplication and division Fractions and decimals	Calculators Bidmas Shape terms and problems Angles Sort 3d shapes Nets	Investigations using mode, range and median. Multiplying thHTU x U/TU. Adding and subtracting fractions. Adding and subtracting using different written methods. Number equations/Algebra. Symmetry. Problem solving.	Transformations Bearings Multiples. Factors, Prime Factors Surveys Pie Charts 2D & 3D shapes Circles Formulae Plans Elevations Revision	CE Revision: Bearings Squares & Roots Angles and Polygons Metric Measure Metric & Imperial Conversion Brackets & Factorising Ratio and Proportion MMMR Pie Charts	Algebra Workout Circles Probability Limits of Accuracy Real Life Graphs Fractions: Reciprocals Powers Binary System