



Maths Long Term Annual Plan

EYFS	<u>Mathematics:</u> Number ELG - Have a deep understanding of number to 10, including the composition of each number; - Subitise (recognise quantities without counting) up to 5; - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. Numerical Patterns ELG - Verbally count beyond 20, recognising the pattern of the counting system; - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity; - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.
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<u>Term</u>	<u>Autumn</u>		<u>Spring</u>		<u>Summer</u>	
	Number	Shape, space, measure, statistics	Number	Shape, space, measure, statistics	Number	Shape, space, measure, statistics
Year 1	Numbers to 10 Estimating, ordering Regrouping Addition and subtraction Numbers to 20 Ten and some more Doubling and halving	Positional language Names and properties of 2D and 3D shape	Addition and subtraction using 'Think 10' Part or whole unknown Comparison Problem solving Counting in 2s, 5s and 10s	Money – coins and combinations to 20p Non-standard measures Introduction of simple standard measures	Multiplication and division Fractions of numbers and shapes Place value – numbers to 100	Telling the time, o'clock and half past



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	Odd and even					
Year 2	Securing fluency to 20 Mental addition and subtraction Place value – regrouping two-digit numbers Counting on or back in ones or tens Finding part or whole unknown	Money – making combinations and finding change Estimation and measure using different scales	Written method - addition and subtraction Problem solving Multiplication and division	Block graphs, pictograms and tally charts Telling the time – o'clock, half-past, quarter past, quarter to Estimating, ordering and comparing time	Fractions – halves, quarters and thirds Problem solving using all operations Multiplication and division Mental calculation review	Time – telling the time to the nearest 5 minutes Classifying and sorting 2D and 3D shape Symmetry Rotation and right angles
Year 3	Place value – counting on and back in ones, tens and hundreds Addition and subtraction – mental fluency and written methods	Measures – comparison, estimation and magnitude Interpreting bar charts and tables Angles, perpendicular and parallel lines 2D shape – properties and drawing Perimeter	Multiplication and division including word problems Finding fractions of discrete and continuous quantities Ordering and comparing fractions Formal written multiplication	Pictographs and scaled bar charts	Long division Securing the four operations Place value and decimals	Units of time Telling the time – analogue and digital Measuring and problem solving 3D shape – building and identifying properties
Year 4	Place value – numbers beyond 1000 Mental and written addition and subtraction	Measure – conversion of units Discrete and continuous data Perimeter	Decimal numbers Addition and subtraction of fractions with the same denominator Equivalent fractions	Properties of shape Symmetry Money	Roman numerals Negative numbers Multiplication and division – review Fractions - review	Time – 12 and 24 hour clocks Interpret and present continuous and discrete data Angles



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	Multiplying and dividing by 10 and 100		Multiplying and dividing – written methods			Properties of triangles Co-ordinates in the first quadrant Translation Area
Year 5	Rounding large numbers Place value – three decimal places Multiply and divide by 10, 100, 1000 Properties of number Mental multiplication and division Addition and subtraction – formal written methods Multiplication and division – formal written methods Fractions – equivalence, addition and subtraction		Problem solving with all four operations Multiplying fractions Percentages	Converting units of measure Area Volume and capacity 3D shapes from 2D representations Reflection and translation Perimeter Angles	Mental and written strategies for multiplication and division Fractions, decimals and percentages Solving problems involving the four operations	Conversion of imperial and metric units of measure Reading timetables Regular and irregular polygons Properties of rectangles Line graphs Interpreting information presented in charts and tables Roman numerals
Year 6	Place value – multiply and divide by 10, 100, 1000 Choosing effective mental strategies	Area of parallelograms and triangles Properties of shape	Order of operations and algebra Formal written method for long division	Exploring relationships between perimeter and area Angles	Further algebra Financial maths and enterprise	Calculating and interpreting mean average Pie charts



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	Fractions – equivalence, addition and subtraction Fractions and decimals Formal written method of short division		Multiplying and dividing fractions Ratio and proportion Algebra and sequences	Reflection and translation Volume Interpreting line graphs and pie charts		
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