



2022/23 Whole School Maths Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Combining objects Making comparisons between objects Understanding position through words Reciting numbers 1-5	Patterns 1:1 correspondence Numbers to 3 Counting and the cardinal principle Subitise to 3	2D Shape and 3D shape Numbers to 4	Understanding position through words Routes and locations Numbers to 5	Numbers to 5 Comparing quantities Begin to experiment with symbols and numerals Problem solving	Compare quantities Solve problems Extend patterns Correct patterns Describe a sequence of events
Reception	Matching and sorting Compare measures Continue, copy and create repeating patterns Develop spatial awareness Understand position	Representing, comparing and composition of 3 2D shape Representing and comparing 4 and 5	Composition of 4 and 5 Number patterns Combining numbers Representing and comparing 6, 7, 8 Time order and sequence	Representing and comparing 9 and 10 Bonds to 10 3D shape Making pairs	3D shape – rotate and manipulate Compose shapes Addition and subtraction problems Coin recognition	Counting to 20 Recognising, representing and ordering numbers to 20 Fractions Odd and even Doubling and halving problem solving
Year 1	Place value of numbers to 10 Addition within 10 Fact families and number bonds	Subtraction within 10 Geometry - 2D and 3D shape	Place value of numbers to 20 Addition and subtraction within 20	Place Value of numbers to 50 Measures - Length/height/mass/capacity	Multiplication and division Fractions Geometry - shape and patterns	Place value of numbers to 100 Measures - money Measures – time
Year 2	Place value of numbers to 100 Addition and subtraction within 100	Addition and subtraction within 100 Geometry - 2D and 3D shape	Measures – money Addition and subtraction with regrouping	Multiplication and division Fractions	Measures – length, height, capacity, mass and temperature Measures – time	Statistics Position and direction
Year 3	Place value of numbers to 1000 Addition and subtraction within 1000	Addition and subtraction Multiplication and division	Multiplication and division Measures – length and perimeter	Fractions Measures – Mass and capacity	Fractions Measures – money Measures - time	Geometry – angles, position and direction 2D and 3D shapes Statistics
Year 4	Place value of numbers within 10000	Measures – area	Multiplication and Division	Fractions Decimals	Decimals	Geometry – shape, position and direction



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	Addition and subtraction	Multiplication and division	Measures – length and perimeter Fractions		Measures – money and time	Statistics
Year 5	Place value of numbers within 1,000,000 Addition and subtraction Multiplication and division	Multiplication and division Fractions	Multiplication and division Fractions	Decimals Percentages Measures – area and perimeter Statistics	Geometry – angles, position and direction 2D and 3D shape	Decimals Negative numbers Measures – converting units and volume
Year 6	Place value of numbers to 10,000,000 Addition and subtraction	Addition and subtraction Fractions Measures – converting units	Ration and proportion Algebra Decimals	Fractions, decimals and percentages Measures – area, perimeter and volume Statistics	Geometry – shape, position and direction	Revision