MATHS

The aim of our mathematics curriculum is to allow children to approach the subject with understanding, rigour and enjoyment. Our precise, systematic teaching and carefully-sequenced curriculum ensures that children are able to recall their mathematical knowledge and to apply mathematical procedures accurately and rapidly. Just as importantly, though, we support all children to develop an excellent conceptual understanding of the subject that will allow them to apply their mathematical knowledge to solve both routine and non-routine problems. We prioritise children's development of a wide mathematical vocabulary and of the language skills to allow them to reason and to think mathematically.

	Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Year 1	Numbers to 10 Addition and subtraction within 10 Combination and partitioning Shapes and patterns	Numbers to 20 Addition and subtraction within 20	Time Exploring calculation strategies within 20 Numbers to 50 Comparison and difference	Fractions Length and mass	Numbers from 50 to 100 and beyond Applying addition and subtraction strategies Money	Multiplication and division Capacity and volume
Year 2	Number within 100 Addition and subtraction of 2-digit numbers	Word problems Length Graph Multiplication and division: 2, 5 and 10	Multiplication and division: 2, 5 and 10 Time Fractions	Addition and subtraction of 2-digit numbers Money Consolidation	Faces, shapes and patterns; lines and turns Numbers within 100 Consolidation	Capacity and volume Mass Exploring calculation strategies Multiplication and division: 3 and 4
Year 3	Number sense and exploring calculation strategies Place value	Addition and subtraction Multiplication and division	Multiplication and division Deriving multiplication and division facts	Time and measures Statistics Fractions	Fractions Angle and shape Measures	Securing multiplication and division Exploring calculation strategies and place value

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 4	Reasoning with 4-digit numbers Place Value Addition and subtraction	Multiplication and division Length and Perimeter	Securing multiplication facts Fractions	Fractions Decimals Area	Decimals Solving Measure and money problems Statistics	Position and direction 2-D shape and symmetry Reasoning with patterns and sequences 3-D shape
Year 5	Reasoning with large whole numbers Problem solving with integer addition and subtraction Line graphs and timetables	Multiplication and division Perimeter and area	Multiplication and division Fractions, decimals and percentages	Decimals and percentages Position and direction Angles	Converting units of measure Calculating with whole numbers and decimals	2-D and 3-D shape Volume Problem solving
Year 6	Integers and decimals Addition and subtraction Rounding Multiplication and division	Calculation problems Fractions Position and direction	Decimals and measures Percentages Algebra Statistics	Perimeter, area and volume Ratio and proportion	Properties of shape Consolidation	Consolidation