Maths   Long Term Plan

Curricular Goal
To ensure that all pupils become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately. To reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language. To solve problems by applying their mathematics to a variety of routine and nonroutine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

Autumn Term 1						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Initial Maths Baseline - One-to-one correspondence, cardinality, conservation of number. Matching Sorting Comparing	Place Value within 10 Addition and subtraction within 10	Place Value within 100 Addition and subtraction within 100	Place value within 1000 Addition and subtraction within 1000	Place value within 10000 Addition and subtraction within 10000	Place value within 1 000 000 Addition and subtraction within 1 000 000	Place value recap. Using 4 operations

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Autumn Term 2						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Representing, comparing, composition or 1 2 and 3, 4, 5 Circles, Triangles and positional language. 4 sided shapes. Time.	Addition and subtraction within 10 (continued) Recognise and name 2D and 3D shapes.	Addition and subtraction within 100 (continued) Properties of 2D and 3D shapes.	Addition and subtraction within 1000 (continued) Multiplication and division – times tables	Addition and subtraction within 10000 (continued) Area Multiplication and division – times tables	Multiplication and division B Fractions B	Fractions Converting units of measure

Spring Term 1

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Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Introducing 0 Representing, comparing, composition to 5 (continued). Introducing 6, 7 and 8. Combining 2 amounts. Making pairs. introduce measures.	Place Value within 20 Addition and subtraction within 20	Money Multiplication and division	Multiplication and division calculation Length and Perimeter	Multiplication and division calculation Length and Perimeter	Multiplication and division B Fractions B Decimals and Percentages	Ratio Algebra

Spring Term 2						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Introducing 9 and 10. Bonds to 10. 3D shapes.	Place value within 50. Length, height, mass and volume.	Length & height Mass, capacity and temperature	Fractions Mass and capacity	Fractions Decimals	Perimeter & Area Statistics	Fractions decimals percentage Area perimeter

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			Summer Term 1			
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Numbers beyond 10. Introducing position & directions. Introducing subtraction. Composition and decomposition.	Multiplication and division Fractions Position and direction	Fractions Time	Fractions Money	Decimals Money Time	Shape Position & Direction Decimals	Shape Position and direction SATs revision

			Summer Term 2			
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Doubling Sharing Grouping	Place value within 1000 Money	Statistics	Time Shape	Shape Statistics	Decimals (continued)	Maths theme projects

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Even & Odd Spatial reasoning Consolidation.	Time consolidation	Position and direction consolidation	Statistics	Position & Direction	Negative numbers Converting units of measure Volume	Consolidation Problem solving