Maths School Overview

	Autumn	Spring	Summer
Nursery	Explore repeats Join in with repeats Explore own patterns Explore and build with shapes and objects Explore position and Space	Recognising attributes – size, length/height Comparing amounts of continuous quantities Sequencing events – first, last, then Shape and Space Explore position and routes Match, talk, push and pull Start to puzzle	Lead own repeats Make patterns together My own pattern (continue an AB pattern, copying an AB pattern, noticing an error) Recognising attributes – capacity/weight Comparing amounts of continuous quantities Recognising the relationship between the size and number of units
Reception	Continuing an AB pattern Copying an AB pattern Spotting an error in an AB pattern Identifying the unit of repeat Developing spatial awareness: experiencing different viewpoints Developing spatial vocabulary Shape awareness: developing shape awareness through construction	Recognising attributes – size, length/height Comparing amounts of continuous quantities Showing awareness of comparison in estimating and predicting Begin to use units to compare things Sequencing Events – before, after, yesterday, tomorrow, days of the week Representing spatial relationships Identifying similarities between shapes Showing awareness of properties of shape Describing properties of shape Developing an awareness of relationships between shapes	Make their own ABB, ABBC patterns Symbolising the unit structure Generalising structures to another context or mode Make a pattern which repeats around a circle Making a pattern around a border with a fixed number of spaces Recognising attributes – capacity/weight Comparing amounts of continuous quantities Showing awareness of comparison in estimating and predicting Begin to use units to compare things Comparing indirectly Recognising the relationship between the size and number of units

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Year 1	Previous reception experiences Counting within 100 Comparison of quantities Part-whole relationships Numbers 0 to 5	Recognise, compose, decompose and manipulate 2D and 3D shapes Numbers 0 to 10 Additive structures Addition and subtraction facts within 10	Numbers 0 to 20 Unitising and coin recognition Position and direction Time
Year 2	Numbers 10 to 100 Calculations within 20 Fluently add and subtract within 10 Addition and subtraction of two-digit numbers Introduction to multiplication	Introduction to multiplication Introduction to division structures Shape Addition and subtraction of two-digit numbers	Money Fractions Time Position and direction Multiplication and division – doubling, halving, quotative and partitive division Sense of measure – capacity, volume and mass
Year 3	Adding and subtracting across 10 Numbers to 1000	Right angles Manipulating additive relationship and securing mental calculation Column addition 2, 4, 8 times tables Column subtraction	Unit fractions Non-unit fractions Parallel and perpendicular sides in polygons Time
Year 4	Review of column addition and subtraction Numbers to 10,000 Perimeter 3, 6, 9 times tables	3, 6, 9 times tables 7 times table and patterns Understanding and manipulating multiplicative relationships Coordinates	Review of fractions Fractions greater than 1 Symmetry in 2D shapes Time Division with remainders
Year 5	Decimal fractions Money Negative numbers Short multiplication and short division	Area and scaling Calculating with decimal fractions Factors, multiples and primes	Fractions Converting units Angles

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Year 6	Calculating using knowledge of structures Multiples of 1,000 Numbers up to 10 million Drawn, compose and decompose shapes	Multiplication and division Area, perimeter, position and direction Fractions and percentages Statistics	Ratio and proportion Calculating using knowledge of structures Solving problems with two unknowns Order of operations Mean average

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