



2023-2024 Mathematics Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS Sunflowers	Number- Daily counting during registration. Say some counting words SSM- Filling and emptying containers Build simple structures		Number- Select a small Number of objects SSM- Categorise objects according to properties		Number- Shows an interest in representing Numbers SSM- Uses the language of size	
EYFS Nursery	Baseline Assessment Number- pre counting skills, counting equipment and shapes, sort by item, colour and size 1 or lots- 1:1 correspondence, subitising to 3 items SSM- Language of size , shortest/longest, tallest/shortest, widest/narrowest and heaviest/lightest fill and empty containers, full, empty, nearly full or empty.		Number- Counting and Recognition: Develop stable order counting explore number sense to 5 Representing numbers in different ways- ten frame, dice pattern, numicon, real life items and rows SSM- describe the pattern recreate patterns and create own pattern Number- Addition and Subtraction: simple visual comparison of 2 sets, more, less few. Understand that group size changes when adding or taking away		Number- Counting and Recognition Numbers tell us how many are in a set (cardinality)- 1:1 counting in a row L-R, R-L, any point, match numeral to a quantity, give me x from a small set SSM- Position and Time: explore and use positional language, order familiar events in their day, past/future Number- Addition and Subtraction: compares, knows when sets are equal, how many altogether, explore 1 plus, minus in context of number rhymes	
EYFS RECEPTION WRM	Getting to know you Just like me	It's me 1,2,3! Light and dark	Alive in 5! Growing 6,7,8	Building 9,10.	To 20 and beyond First, then, now	Find my pattern On the move
<i>Mastering Number Programme</i>	<i>Pupils will build on previous experiences of Number from their home and nursery environments, and further develop their subitising and counting skills. They will explore the composition of Numbers within 5. They will begin to compare sets of objects and use the language of comparison.</i>		<i>Pupils will continue to develop their subitising and counting skills and explore the composition of Numbers within and beyond 5. They will begin to identify when two sets are equal or unequal and connect two equal groups to doubles. They will begin to connect quantities to numerals.</i>		<i>Pupils will consolidate their counting skills, counting to larger Numbers and developing a wider range of counting strategies. They will secure knowledge of Number facts through varied practice.</i>	



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Year 1 WRM	Number- Place Value (10) Number - Addition	Number- Subtraction Geometry - Shape NTS ASSESSMENT	Number- Place Value (20) Number- Addition and Subtraction to 20	Number- Place Value (50) Measurement- Length & Weight Measurement- Weight and Capacity NTS ASSESSMENT	Number- Place Value (100) Number- Multiplication and Division	Number- Fractions Geometry- position and direction Number- Money Measurement- Time NTS ASSESSMENT
<i>Mastering Number Programme</i>	<i>Pupils will have an opportunity to consolidate the Early Learning Goals and continue to explore the composition of Numbers within 10, and the position of these Numbers in the linear Number system.</i>		<i>Pupils will continue to explore the composition of Numbers within 10 and explore addition and subtraction structures and the related language (without the use of symbols).</i>		<i>Pupils will explore the composition of Numbers within 20 and their position in the linear Number system. They will connect addition and subtraction expressions and equations to 'Number stories'.</i>	
Year 2 WRM	Number- Place value Addition and subtraction	Number- Addition and Subtraction NTS ASSESSMENT	Geometry - Shape Number- Multiplication and Division	Multiplication and Division Number- Fractions NTS ASSESSMENT	Measurement- Money Measurement- Length and height Measurement- Time	MATHS SATS ASSESSMENT Statistics Geometry- Position and direction Measures- Mass, temperature, capacity NTS ASSESSMENT
<i>Mastering Number Programme</i>	<i>Pupils will have an opportunity to consolidate their understanding and recall of Number bonds within 10; they will re-cap the composition of the Numbers 11 to 20 and reason about their position within the linear Number system.</i>		<i>Pupils will have an opportunity to use their knowledge of the composition of Numbers within 10 to calculate within 20; they will explore the links between the Numbers in the linear Number system within 10 to Numbers within 100, focusing on multiples of 10 and the midpoint of 50.</i>		<i>Pupils will have further opportunities to use their knowledge of the composition of Numbers within 10 to calculate within 20 and to reason about equations and inequalities.</i>	



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EIB 1 WRM	<p>EYFS - matching, sorting and comparing</p> <p>Number- Place Value Number- Addition & Subtraction</p> <p>3 groups - numbers 10, numbers to 20 and numbers to 50</p>	<p>EYFS - Talk about measure and pattern</p> <p>Number- Place Value Number- Addition & Subtraction</p> <p>3 groups - numbers 10, numbers to 20 and numbers to 50</p>	<p>EYFS - numbers to 5</p> <p>Geometry- Shape Number- Addition and Subtraction with length and measure</p> <p>Measure- Length and mass</p>	<p>Number- Place Value within 20 Number- Addition and Subtraction with length and measure</p>	<p>Number- Addition and Subtraction within 10 Addition and Subtraction within 20 Geometry- Position and Direction</p>	<p>Number- Place Value within 50 - Bonds within and up to 10 Geometry - Shape Measurement- Time</p>
<i>Mastering Number Programme</i>	2 focus groups. See Reception and Year 1 overviews for content					
Year 3 WRM	<p>Number- Place Value Number- Addition and Subtraction</p>	<p>Number- Addition and Subtraction Number- Multiplication and Division A NTS ASSESSMENT</p>	<p>Number- Multiplication and Division B Measurement- Length and Perimeter</p>	<p>Number- Fractions A Measurement- Mass and Capacity Consolidation NTS ASSESSMENT</p>	<p>Number- Fractions B Measurement- Money Measurement- Time</p>	<p>Measurement- Time Geometry- Shape Statistics Consolidation NTS ASSESSMENT</p>
Year 4 WRM	<p>Number- Place Value Number- Addition and Subtraction</p>	<p>Measurement- Length and Perimeter Number- Multiplication and Division NTS ASSESSMENT</p>	<p>Number- Multiplication and Division Measurement- Area Number- Fractions</p>	<p>Number- Fractions Number- Decimals Consolidation NTS ASSESSMENT</p>	<p>Number- Decimals Measurement- Money Measurement- Time</p>	<p>Statistics Geometry- Properties of Shape Geometry- Position and Direction Consolidation NTS ASSESSMENT</p>



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Year 5 WRM	Number- Place Value Number- Addition and Subtraction	Number- Multiplication and Division A Number- Fractions A NTS ASSESSMENT	Number- Multiplication and Division B Number- Fractions B	Number- Decimals and Percentages Measurement- Statistics- (First 2 days at start of Spring 2. Other lessons will be fitted in other areas of curriculum and in Summer) NTS ASSESSMENT	Measurement Perimeter and Area Geometry- Properties of Shape Geometry- Position and Direction	Number- Decimals Number- Negative Numbers Measurement- Converting units Measurement- Volume NTS ASSESSMENT
Year 6 WRM	Number- Place Value Number- Addition, Subtraction, Multiplication and Division	Number- Fractions A Number- Fractions B Measurement- Converting Units NTS ASSESSMENT	Number- Ratio Number- Algebra Number- Decimals	Number- Fractions, decimals and percentages Measurement- Perimeter, Area and Volume Statistics NTS ASSESSMENT	Geometry- Properties of Shape Consolidation or SATs prep SATS ASSESSMENT	Geometry- Position and direction Consolidation Investigations and Preparations for KS3
EIB2 WRM	Number- Place value (4 weeks) Number- Addition and subtraction (2 weeks) Geometry: Properties of shape (1 week)	Number- Multiplication and division (2 weeks) Measurement: money (1 Week) Measurement: length, height and perimeter (2 weeks) Assessment 1 week	Number- Addition and subtraction (2 weeks) Measurement: mass and capacity (2 weeks) Measurement: Time (2 weeks)	Number- Multiplication and division (2 weeks) Number: Fractions (2 weeks) Statistics (2 weeks)	Number- Addition and subtraction including money (2 weeks) Measurement: Time (2 weeks) Geometry: Position and direction (2 weeks)	Number- Multiplication and division (2 weeks) Number: Fractions (2 weeks) Geometry: properties of shape (2 weeks)



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