Templenewsam Halton Primary School
Maths Long Term Overview

Maths long term overview	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery Ongoing mathematical skill development throughout the year	• Reciting numbers • Subitising up to 3 • Show 'finger numbers' up to 5 • Experiment with their own symbols and marks as well as numerals • Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5 Comparison within provision					
Nursery coverage	<u>Cardinality and Counting</u> Recite numbers to 5 Sing number songs <u>Shape and Space</u> Select shapes appropriately for building <u>Measures</u> Describe a familiar route Discuss routes and locations <u>Pattern</u> Begin to describe a sequence of events	<u>Cardinality and Counting</u> Show 'finger numbers' up to 5 <u>Shape and Space</u> Talk about and explore 2D shapes Understand position <u>Pattern</u> Talk about and identify patterns	<u>Cardinality and Counting</u> Experiment with their own symbols and marks. <u>Shape and Space</u> Combine shapes to make new ones <u>Pattern</u> Notice and correct an error in a repeating pattern	<u>Cardinality and Counting</u> Fast recognition of up to 3 objects Recite numbers past 5 <u>Shape and Space</u> Talk about and explore 2D and 3D shapes	<u>Cardinality and Counting</u> Say one number for each item: 1, 2, 3, 4, 5 Solve real world mathematical problems	<u>Cardinality and Counting</u> Links numerals and amounts to 5 <u>Composition</u> Compare quantities using language 'more than', 'fewer' <u>Comparison</u> Make comparisons between objects
Reception Ongoing mathematical skill development throughout the year	• Link the number symbol with its cardinal number value • Count beyond ten • Compare numbers • Subitising up to 5 • Understand the 'one more/one less than' relationship between consecutive numbers • Compare length, weight, and capacity • Select, rotate, and manipulate shapes to develop spatial reasoning skills Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can					
Reception coverage	<u>Cardinality and Counting</u> Numbers 1, 2, 3 Match and sort <u>Shape and Space</u> Shape - *Circles and triangles* Exploring pattern <u>Measures/Comparison</u> Compare size, mass & capacity <u>Comparison</u> Compare amounts <u>Measures</u> Positional language	<u>Cardinality and Counting</u> Representing numbers to 5 <u>Comparison</u> One more or less <u>Shape and Space</u> Shapes with 4 sides <u>Measures</u> Time	<u>Cardinality and Counting</u> Introducing zero <u>Composition</u> of 4 & 5 Combining two amounts <u>Shape and Space</u> 3-D shapes <u>Measures</u> Compare mass Compare capacity <u>Pattern</u> Comparing numbers to 5	<u>Cardinality and Counting</u> Numbers 6, 7, 8, 9, 10 Bonds to 10 <u>Shape and Space</u> Spatial awareness Patterns <u>Measures</u> Length & height Time <u>Pattern</u> Making pairs	<u>Cardinality and Counting</u> Build numbers beyond 10 <u>Composition</u> Adding more Taking away <u>Shape and Space</u> Spatial reasoning Match, rotate, manipulate <u>Composition</u> Compose and decompose (numbers) <u>Pattern</u> Count patterns beyond 10	<u>Cardinality and Counting</u> Build numbers beyond 10 <u>Composition</u> Adding more Taking away <u>Shape and Space</u> Visualise and build Patterns & relationships Spatial mapping <u>Pattern/Comparison</u> Doubling Sharing & grouping Even & odd

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Year 1	Number and place value (within 10) Including: - Shape - Money - Measure	Addition and subtraction (within 10) Geometry – shape	Place value (within 20) Addition and subtraction (within 20)	Place value (within 50) Measurement – length and height Mass and volume	Multiplication and division Fractions Geometry – position and direction	Place value (within 100) Money Time
Counting	1s	2s, 5s	2s, 5s, 10s		2s, 5s, 10s, 4s	
Year 2	Number and place value Addition and subtraction	Addition and subtraction Shape	Money Multiplication and division	Measurement – length and height Mass, capacity and temperature	Fractions Time	Statistics Geometry – position and direction
Times tables	2x, 5x, 10x – multiplication and division		2x, 5x, 10x, 3x			
Year 3	Place value Addition and subtraction	Addition and subtraction Multiplication and division	Multiplication and division Length and perimeter	Fractions Measurements – mass and capacity	Fractions Money Time	Shape Statistics
Times tables	2x (recap), 3x, 4x, 8x – multiplication and division		2x, 3x, 4x, 8x– multiplication and division		2x, 3x, 4x, 8x– multiplication and division	
Year 4	Place value Addition and subtraction	Area Multiplication and division	Multiplication and division Length and perimeter Fractions	Fractions Decimals	Decimals Money Time	Shape Statistics Position and direction
Times tables	3x, 6x, 7x, 9x (11x, 12x) – multiplication and division		3x, 6x, 7x, 9x (11x, 12x) – multiplication and division		3x, 6x, 7x, 9x (11x, 12x) – multiplication and division	
Year 5	Number and place value Addition and subtraction Multiplication and division	Multiplication and division Fractions	Multiplication and division Fractions Decimals and percentages	Decimals and percentages Perimeter and area Statistics	Shape Position and direction Decimals	Decimals Negative numbers Converting units Volume
Times tables	Recap all times tables and plug gaps		Recap all times tables and plug gaps		Recap all times tables and plug gaps	
Year 6	Place value Addition and subtraction Multiplication and division	Fractions (+/-) Fractions (x/÷) Converting units	Ratio Algebra Decimals	Fractions, decimals and percentages Area, perimeter and volume Statistics	Shape Position and direction	Themed projects, consolidation and problem solving Preparation for KS3
Times tables	Recap all times tables and plug gaps		Recap all times tables and plug gaps		Recap all times tables and plug gaps	