

Maths Long-term Overview 2024-2025

	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
EYFS	Getting to know you (2 weeks - baseline) • Establish maths through routines (tens frame buses, 100 days in school, calendar activities)		Match, Sort & Compare (2 weeks) • Match objects • Match pictures and objects • Identify a set • Sort objects to a type • Explore sorting techniques • Create sorting rules • Compare amounts		Talk about measure and patterns (2 weeks) • Compare size • Compare mass • Compare capacity • Explore simple patterns • Copy and continue simple patterns • Create simple patterns	
Y1	To count to and across 100	Addition and subtraction To understand the operations of + and -	Addition and subtraction. Knowledge of operations	Addition totals to 20	Geometry: properties of shape	Addition and subtraction to 20
Y2	Number and place value: counting, reading and writing 2-digit numbers, place value	Number and place value: counting, reading and writing 2-digit numbers, place value	Addition and subtraction: concrete, visual and number facts	Multiplication and division: repeated addition equal groups of	Geometry: properties of shape	Measurement: length, mass, capacity
Y3	Number and place value: reading, writing and ordering two- and three-digit numbers	Number and place value: counting 4, 8, 50 and 100 and estimating	Statistics Interpret and present data in bar charts, tables and pictograms	Mental addition and Subtraction: Know number bonds and facts to 20/ 100 3 digit -ones, 3 digit- tens and 3 digit - hundreds	Multiplication and division: table facts	Addition and subtraction: two- and three-digit numbers, in column methods
Y4	Number and place value: properties of number and rounding	Addition and subtraction: mental and written methods	Statistics	Multiplication and division: facts and mental methods	Geometry: describing and classifying shapes	Measurement: converting between units of measure
Y5	Number and place value: properties of place value	Addition and subtraction: mental methods	Statistics	Multiplication and division: prime numbers and factors	Multiplication and division: mental methods	Geometry: angles
Y6	Number and place value: properties of place value	All four operations: mental methods	Multiplication and division: long multiplication and long division	Geometry: angles	Fractions: proper fractions, improper fractions and mixed numbers	Fractions: decimals

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	Block 7	Block 8	Block 9	Block 10	Block 11	Block 12
EYFS	It's Me 1, 2, 3 (2 weeks) <ul style="list-style-type: none"> Find 1, 2 and 3 Subitise 1, 2 and 3 Represent 1, 2 and 3 1 more 1 less Composition of 1, 2 and 3 		Circles and triangles (1 week) <ul style="list-style-type: none"> Identify and name circles and triangles Compare circles and triangles Shapes in the environment Describe position 	1, 2, 3, 4, 5 (2 weeks) <ul style="list-style-type: none"> Find 4 and 5 Subitise 4 and 5 Represent 4 and 5 1 more 1 less Composition of 4 and 5 Composition of 1-5 		Shapes with 4 sides (1 week) <ul style="list-style-type: none"> Identify and name shapes with 4 sides Combine shapes with 4 sides Shapes in the environment My day and night
Y1	Counting, ordering and number sense	Place value and comparing quantities and numbers	Developing mental strategies for addition	Subtraction as take away & difference (Counting on and back)	Addition and subtraction using money	Measurement: time and money
Y2	Number and place value: comparing, ordering two-digit numbers and knowing their place value (recommended 2 weeks)	Addition and subtraction: using recall of addition and subtraction facts and mental calculation strategies	Multiplication and division: repeated addition and subtraction, arrays, grouping and using times tables facts	Fractions: finding fractions of quantities, shapes and sets of objects	Geometry: position, movement and motion	Measurement: time and money
Y3	Geometry: properties of shape.	Fractions: representing, comparing and ordering unit fractions of shapes and numbers	Fractions: representing, comparing and ordering unit fractions of shapes and numbers	Measurement: metric measures for length, mass and capacity	Multiplication and division: partitioning and rearranging the dividends including formal written methods	Measurement: time 12-hour clock am/pm
Y4	Addition and subtraction: written methods including money in pounds and pence.	Number and place value: negative numbers	Multiplication and division: written methods	Fractions: finding hundredths and families of common equivalents	Geometry: position and direction	Statistics: discrete and continuous data Measurement: time

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Y5	Measurement: conversion of units	Fractions: improper fractions and mixed numbers	Fractions: decimals	Measurement: area and perimeter	Geometry: properties of shape, 2D and 3D	Multiplication and division: written methods
Y6	Measurement: conversion of units	Geometry: properties of shape, 2D and 3D	Multiplication and division: written methods, estimation and remainders	Algebra: linear sequences	Ratio and proportion: FDP to represent the whole, a:b ratio	Statistics: reading tables

Spring

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	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
EYFS	Alive in 5 (2 weeks) <ul style="list-style-type: none"> • Introduce zero • Find 0 to 5 • Subitise 0 to 5 • Represent 0 to 5 • 1 more • 1 less • Composition • Conceptual subitising to 5 		Mass and Capacity (1 week) <ul style="list-style-type: none"> • Compare mass • Find a balance • Explore capacity • Compare capacity 	Growing 6, 7, 8 (2 weeks) <ul style="list-style-type: none"> • Find 6, 7 and 8 • Represent 6, 7, and 8 • 1 more • 1 less • Composition of 6, 7 and 8 • Make pairs-odd and even • Double to 8 (find a double) • Double to 8 (make a double) • Combine 2 groups • Conceptual subitising 		Length, Height and Time (1 week) <ul style="list-style-type: none"> • Explore length • Compare length • Explore height • Compare height • Talk about time • Order and sequence time
Y1	Counting: reading and writing number patterns	Doubles and near doubles	Multiplication & Division: Grouping and sharing	Fractions: equal parts, relative to the whole	Measurement: Nonstandard and standard units	Addition and subtraction to 20 including measures.
Y2	Number and place value: estimating, counting and comparing quantities	Addition and subtraction: using recall of addition and subtraction facts and mental calculation strategies	Addition and subtraction: using partitioning and counting on strategies	Multiplication and division: repeated addition, arrays, grouping and using times tables facts	Geometry: properties of shape, symmetry	Measurement: length, mass, capacity
Y3	Number and place value: rounding, number sense	Mental addition and subtraction	Multiplication and division: table facts and multiplying by 10	Measurement: calculating with money	Geometry: recognising and drawing right angles in 2D shapes	Addition and subtraction: two- and three-digit numbers, in column methods

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Y4	Number and place value: count in multiples, order and compare beyond 1000	Addition and subtraction: estimation and accuracy	Multiplication and division: mental and written methods	Fractions: solving problems and decimals	Measurement: area and perimeter	Geometry: describing and classifying shapes including angles
Y5	Number and place value: positive and negative numbers and rounding	Addition and subtraction: written methods	Multiplication and division: square and cube numbers	Multiplication and division: written methods	Fractions: calculating	Geometry: position and direction
Y6	Number and place value: negative numbers	All four operations: order of operations.	All four operations: written methods	Geometry: circles	Geometry: position and direction all four quadrants	Measurement: area, perimeter and volume

Spring 2

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	Block 7	Block 8	Block 9	Block 10	Block 11	Block 12
EYFS	Building 9 and 10 (3 weeks) <ul style="list-style-type: none"> • Find 9 and 10 • Compare numbers to 10 • Represent 9 and 10 • Conceptual subitising to 10 • 1 more • 1 less • Composition to 10 • Bonds to 10 (2 parts) • Make arrangements of 10 • Bonds to 10 (3 parts) • Doubles to 10 (find a double) • Doubles to 10 (make a double) • Explore even and odd 			Explore 3D shapes (2 weeks) <ul style="list-style-type: none"> • Recognise and name 3D shapes • Find 2D shapes within 3D shapes • Use 3D shapes for tasks • 3D shapes in the environment • Identify more complex patterns • Copy and continue patterns • Patterns in the environment 		
Y1	Counting: reading and writing number patterns	Geometry: names of shapes, position and movement	Developing mental strategies for addition	Subtraction as take away & difference (counting on and back)	Measurement: using measuring equipment	Multiplication & division using money
Y2	Measurement: time and money	Fractions: finding fractions of quantities, shapes and sets of objects, equivalence	Geometry: position and direction	Measurement: time & money	Statistics: solving problems that involve collecting data in tallies, tables and pictograms	Calculation: using mental & written calculation strategies

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Y3	Multiplication and division: multiplying using a method and dividing with remainders	Fractions: representing, comparing and ordering unit non unit fractions. Adding and subtracting unit/non unit fractions.	Measurement: measuring accurately in the correct units	Statistics: read, present and interpret pictograms and tables	Consolidation	
Y4	Addition and subtraction: written methods including money in pounds and pence.	All four operations: factor pairs, laws of arithmetic.	Geometry: position and direction	Statistics: solve problems from data	Consolidation	
Y5	Measurement: metric and imperial units	Measurement: volume	Fractions: decimals and percentages	Fractions: calculating	Geometry: properties of shape, missing lengths and angles	Statistics: reading line graphs
Y6	Measurement: area, perimeter and volume	Fractions: calculating	Fractions: calculating with decimals	Algebra: finding unknowns and variables	Geometry: properties of shape, 3D nets	Ratio and proportion: ratio, scaling and scale factors

Summer

Summer

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	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
EYFS	To 20 and beyond (2 weeks) <ul style="list-style-type: none"> Build numbers beyond 10 (10-13) Continue patterns beyond 10 (10-13) Build numbers beyond 10 (14-20) Continue patterns beyond 10 (14-20) Verbal counting beyond 20 Verbal counting patterns 	To 20 and beyond (2 weeks) <ul style="list-style-type: none"> Build numbers beyond 10 (10-13) Continue patterns beyond 10 (10-13) Build numbers beyond 10 (14-20) Continue patterns beyond 10 (14-20) Verbal counting beyond 20 Verbal counting patterns 	How many now? (1 week) <ul style="list-style-type: none"> Add more How many did I add? Take away How many did I take away? 	Manipulate, compose and decompose (2 weeks) <ul style="list-style-type: none"> Select shapes for a purpose Rotate shapes Manipulate shapes Explain shape arrangements Compose shapes Decompose shapes Copy 2D shape pictures Find 2D shapes within 3D shapes	Manipulate, compose and decompose (2 weeks) <ul style="list-style-type: none"> Select shapes for a purpose Rotate shapes Manipulate shapes Explain shape arrangements Compose shapes Decompose shapes Copy 2D shape pictures Find 2D shapes within 3D shapes	
Y1	Addition and subtraction to 20	Fractions: discrete and continuous wholes	Multiplication & Division Arrays	Measurement: time	Geometry: position and direction	Counting, ordering and comparison, visualising quantities
Y2	Number and place value: partitioning and rearranging	Addition and subtraction: using recall of addition and subtraction facts and mental/written calculation strategies	Multiplication and division: using times tables facts and inverse	Fractions: finding fractions of quantities, shapes and sets of objects, equivalence	Measurement: length, mass, capacity linked to fractions	Geometry: properties of shape. Compare and sort using properties.
Y3	Number and place value: Read, write and order and round two- and three- digit numbers	Multiplication and division problems	Addition and subtraction of three-digit numbers and 1s, 10s and 100s	Measurement: solving problems	Geometry: describing shapes	Multiplication and division: commutativity and associativity

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Y4	Number and place value: Roman numerals	Addition and subtraction: solving problems	Multiplication and division: solving problems including correspondence problems	Fractions: factors, multiples and simplifying	Fractions: decimal and fractions in the context of measurements.	Measurement: converting between units of measure, area and perimeter
Y5	Number and place value: Roman numerals	Addition and subtraction: mental and written methods	Multiplication and division: mental and written methods	Number and place value: sequences	Fractions: sequences	Geometry: properties of shape, diagonals
Y6	Number and place value: solving problems	All four operations: mental methods	All four operations: written methods	Geometry: properties of shape, including circles	SATs	Measurement: solving problems, including temperature

Summer

Summer 2

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	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
EYFS	<p>Sharing and grouping (2 weeks)</p> <ul style="list-style-type: none"> Explore sharing Sharing Explore grouping Grouping Even and odd sharing Play with and build doubles 	<p>Sharing and grouping (2 weeks)</p> <ul style="list-style-type: none"> Explore sharing Sharing Explore grouping Grouping Even and odd sharing Play with and build doubles 	<p>Visualise, build and map (3 weeks)</p> <ul style="list-style-type: none"> Identify units of repeating patterns Create own pattern rules Explore own pattern rules Replicate and build scenes and constructions Visualise from different positions Describe positions Give instructions to build Explore mapping Represent maps with models Create own maps from familiar places Create own maps and plans from story situations 	<p>Visualise, build and map (3 weeks)</p> <ul style="list-style-type: none"> Identify units of repeating patterns Create own pattern rules Explore own pattern rules Replicate and build scenes and constructions Visualise from different positions Describe positions Give instructions to build Explore mapping Represent maps with models Create own maps from familiar places Create own maps and plans from story situations 	<p>Visualise, build and map (3 weeks)</p> <ul style="list-style-type: none"> Identify units of repeating patterns Create own pattern rules Explore own pattern rules Replicate and build scenes and constructions Visualise from different positions Describe positions Give instructions to build Explore mapping Represent maps with models Create own maps from familiar places Create own maps and plans from story situations 	<p>Make connections (1 week)</p> <ul style="list-style-type: none"> Deepen understanding Patterns and relationships 		
Y1	Addition and subtraction: trios and equality	Geometry: properties of shapes	Calculation: all four operations Calculation: all four operations	Calculation: all four operations Calculation: all four operations	Assessment	Measurement: using standard units	Ready for year 2	Ready for year 2
Y2	Geometry: position and	Measurement: time & money	Statistics: solving problems by asking and	Calculation: using mental & written	Assessment	Calculation: using mental & written	Ready for year 3	Ready for year 3

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	direction, right angles		answering simple questions	calculation strategies		calculation strategies		
Y3	Multiplication and division: written methods	Fractions: equivalence, addition and subtraction within 1, finding tenths	Measurement: time 12-hour, 24-hour clocks	Measurement: time 12-hour, 24-hour clocks	Assessment	Statistics: read, present and interpret pictograms and tables		
Y4	Geometry: symmetry	All four operations: written methods	Number and place value: negative and positive numbers	Geometry: properties of shape	Assessment	Statistics: represent and interpret data		
Y5	Measurement: time and money	Measurement: area and perimeter	Fractions: calculating percentages	Fractions: Calculating percentages	Assessment	Multiplication and division: properties of number	Statistics: reading timetables	
Y6	Fractions: calculating and solving problems	Algebra: formulae	Ratio and proportion: solving problems	Statistics: line graphs	Consolidation	Consolidation	Consolidation	Consolidation

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