



Curriculum Progression Map - Mathematics

Year group	Term	Week	Knowledge and skills	Key vocabulary
Reception	Autumn 1	1	Getting to know you/Baseline assessment	Getting to know you - key times of day (playtime, lunchtime, snack-time, home-time, before, after), positional language (in, behind, in-front of, on top, underneath)
		2		
		3	Match, sort and compare - Match objects, Match pictures and objects, identify a set, sort objects to a type	
		4	Match, sort and compare - Explore sorting techniques, Create sorting rules, compare amounts. End of block checkpoint	Match sort and compare - same, different, match, object, silhouette, set, correct, incorrect, sort, rule, guess
		5	Talk about measure and patterns - Compare size, Compare mass, compare capacity	
		6	Talk about measure and patterns - Explore simple patterns, copy and continue simple patterns, create simple patterns End of block checkpoint	
Year 1	Autumn 1	1	Place value within 10 - sorting objects, counting objects, counting objects from a larger group, representing objects to 10	Place value within 10 - numerals, after, the same as, lesser, equal to least, compare, more than, forwards, backwards, 1-digit, 2-digit, match, order, less than, greater than, zero, one, two, three, four, five, six, seven, eight, nine, ten,
		2	Place value within 10 - Recognise numbers as words, count on to 10, count on from any number, 1 more	
		3	Place value within 10 - Count backwards within 10, 1 less, compare groups by matching	
		4	Place value within 10 - Fewer, more, same. Less than, greater than, equal to, compare numbers	

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		5	Place value within 10 - Order objects and numbers, The number line	Addition and subtraction - Add, take away, subtract, how many? altogether, left, order, number line, parts, whole, part-whole model, facts, fact families
		6	End of block assessment (version A) Addition and Subtraction (within 10) - Introduce parts and wholes, Part-whole model, Write number sentences, Fact families - addition facts	
Year 2	Autumn 1	1	Place value - Numbers to 20, Count objects to 100 by making 10's, recognise tens and ones, Use a place value chart	Place value - More than, less than, fewer, different, same, equals, numerals, after, the same as, lesser, equal to least, compare, more than, forwards, backwards, 1-digit, 2-digit, match, order, less than, greater than, zero, one, two, three, four, five, six, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty
		2	Place value - Partition numbers to 100, Write numbers to 100 in words, flexibility partition numbers to 100, write numbers to 100 in expanded form	
		3	Place value - 10's on the number line to 100, 10s and 1s on the number line to 100, Estimate numbers on a number line, compare objects	
		4	Place value - Compare numbers, order objects and numbers, Count in 2s, 5s, and 10s, Count in 3s	Addition and subtraction - Add, take away, subtract, how many? altogether, left, order, number line, parts, whole, part-whole model, facts, fact families, one hundred, bonds, across, skip counting
		5	End of block assessment (version A) Addition and subtraction - Bonds to 10, Fact families - addition and subtraction bonds to 10, related facts, bonds to 100 (tens)	
		6	Addition and subtraction - Add and subtract 1s, Add by making 10, Add three 1-digit numbers, Add to the next 10, add across 10	

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Reception	Autumn 2	1	It's me 1 2 3! - Find 1, 2, and 3, Subitise 1, 2, and 3, Represent 1, 2, and 3	It's me 1, 2, 3! - one, two, three, four, five, more, less, fewer, same amount, order, compare, numbers, small, medium, large, through, match sort Shape - circles and triangles - shape, circle, triangle, arrangement, same, different, three, round, size, almost, straight, curved, sides, in, on, under, over, beside, between, in front of, around, through, behind, position 1, 2, 3, 4, 5, - one, two, three, four, five, how many? Altogether, different, same, group, counting, subitise, quantity, more, less, whole Shape - Shapes with 4 sides - square, rectangle, side, straight, corners, same, different, shorter, longer, flat, length, combine, right-angle, night, day, order, school
		2	It's me 1 2 3! - 1 more, 1 less, Composition of 1, 2, and 3 End of block checkpoint	
		3	Shape - Circles and triangles - Identify and name circles and triangles, compare circles and triangles, shapes in the environment, describe position End of block checkpoint	
		4	1, 2, 3, 4, 5, - find 4 and 5, subitise 4 and 5, represent 4 and 5	
		5	1, 2, 3, 4, 5, - 1 more, 1 less	
		6	1, 2, 3, 4, 5, - Composition of 4 and 5, composition of 1-5 End of block checkpoint	
		7	Shape - Shapes with 4 sides - Identify and name shapes with 4 sides, Combine shapes with 4 sides, shapes in the environment, My day and night	
Year 1	Autumn 2	1	Addition and subtraction (within 10) - Number bonds within 10, Systematic number bonds within 10, number bonds to 10	Addition and subtraction - Add, take away, subtract, how many? altogether, left, order, number line, parts, whole, part-whole model, facts, fact families Shape - 3D, 2D, sides, corners, edges, vertices, curved, flat, straight, one, two, three, four, five, six, faces,
		2	Addition and subtraction (within 10) - Addition - add together, addition- add more, addition problems	
		3	Addition and subtraction (within 10) - Find a part, subtraction - find a part, fact families - the eight facts	

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		4	Addition and subtraction (within 10) - take away/cross out (How many left?), Subtraction - take away (How many left?), Subtraction on a number line, Add or subtract 1 or 2	cube, cone, cylinder, cuboid, pyramids, spheres, rectangle, triangle, circle, square, pentagon, hexagon, describe, pattern rule, size, colour, symmetrical
		5	End of block assessment (Version A) Shape - Recognise and name 3D shapes, Sort 3D shapes, Recognise and name 2D shapes, sort 2D shapes	
		6	Shape - Patterns with 3D and 2D shapes End of block assessment (Version A)	
		7	Consolidation and revision End of Autumn Term Assessment	
Year 2	Autumn 2	1	Addition and subtraction - Subtract across 10, subtract from a 10, subtract a 1-digit number from a 2-digit number (across a 10), 10 more/10 less	Addition and subtraction - Add, take away, subtract, how many? altogether, left, order, number line, parts, whole, part-whole model, facts, fact families, one hundred, bonds, across, skip counting Shape - 3D, 2D, sides, corners, edges, vertices, curved, flat, straight, one, two, three, four, five, six, faces, cube, cone, cylinder, cuboid, pyramids, spheres, rectangle, triangle, circle, square, pentagon, hexagon, describe, pattern rule, size, colour, symmetrical
		2	Addition and subtraction - Add and subtract 10s, Add two 2-digit numbers (not across a 10), Add two 2-digit numbers (across a 10), Subtract two 2-digit numbers (not across a 10),	
		3	Addition and subtraction - Subtract two 2-digit numbers (across a 10), Mixed addition and subtraction, compare number sentences, missing number problems	
		4	End of block assessment (Version A) Consolidation and revision	

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		5	Shape - Recognise 2D and 3D shapes, Count sides on 2D shapes, Count vertices on 2D shapes, Draw 2D shapes	
		6	Shape - Lines of symmetry on shapes, use lines of symmetry to complete shapes, Sort 2D shapes	
		7	Shape - Count faces on 3D shapes, Count edges on 3D shapes, count vertices on 3D shapes, sort 3D shapes, Make patterns with 2D and 3D shapes End of Autumn Term assessment	
Reception	Spring 1	1	Alive in 5! Introduce zero, Find 0 to 5, subitise 0 to 5, Represent 0 to 5	Alive in 5! - one less, zero, making 5, comparing (which has more/fewer?), more than, less than, the same, equal groups, unequal groups, altogether, making numbers (3 groups), Mass and capacity - mass, weigh, balance scales, heavy, light, heavier than, lighter than, full, empty, capacity, half full, half empty, tall, thin, narrow, wide, shallow Growing 6, 7, 8 - pairs, odds, evens, double, group, subitise, counting, quantity, more, less, altogether, making numbers
		2	Alive in 5! 1 more, 1 less, composition, conceptual subitising to 5 End of block checkpoint	
		3	Mass and capacity - compare mass, find a balance, explore capacity, compare capacity End of block checkpoint	
		4	Growing 6, 7, 8 - Find 6, 7, and 8, Represent 6, 7, and 8, 1 more, 1 less, Composition of 6, 7 and 8	
		5	Growing 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 End of block checkpoint	
		6	Length, height and time - Explore length, compare length, explore height, compare height	

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Year 1	Spring 1	1	Place value (within 20) - Count within 20, Understand 10, Understand 11, 12, and 13, Understand 14, 15, and 16	Place value within 20 - numerals, after, the same as, lesser, equal to least, compare, more than, forwards, backwards, 1-digit, 2-digit, tens and ones, tens and units, match, order, less than, greater than, zero, one, two, three, four, five, six, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty
		2	Place value (within 20) - Understand 17, 18, and 19, Understand 20, 1 more and 1 less, the number line to 20	
		3	Place value (within 20) - Use a number line to 20, Estimate on a number line to 20, Compare numbers to 20, Order numbers to 20 End of block assessment (Version A)	
		4	Addition and subtraction (within 20) - Add by counting on within 20, Add ones using number bonds, Find and make number bonds to 20	
		5	Addition and subtraction (within 20) - Doubles, near doubles, subtract ones using number bonds, subtraction - counting back	
		6	Addition and subtraction (within 20) - Subtraction - finding the difference, Related facts, Missing number problems End of block assessment (Version A)	
Year 2	Spring 1	1	Money - Count money - pence, Count money - pounds (notes and coins), Count money - pounds and pence, Choose notes and coins, Make the same amount	Money - coin, note, pence, pound, same, different, amount, left, altogether, change, calculate, shopping, spend, Multiplication and division - times, multiples, equal, unequal, array, row, column, times-tables, odd and even, grouping, symbol, repeated addition, calculations, share, divide, exchange, pattern
		2	Money - Compare amounts of money, Calculate with money, Make a pound, Find change, Two-step problems End of block assessment (Version A)	
		3	Multiplication and division - Recognise equal groups, make equal groups, add equal groups	

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		4	Multiplication and division - Introduce the multiplication symbol, Multiplication sentences, Use arrays, Make equal groups - grouping	
		5	Multiplication and division - Make equal groups - sharing, The 2 times-table, divide by 2, doubling and halving,	
		6	Multiplication and division - Odd and even numbers, The 10 times-table, divide by 10	
Reception	Spring 2	1	Length, height and time - length and height skill revision (if needed), Talk about time, order and sequence time End of block checkpoint	Length and height - compare, long, longer, longest short, shorter, shortest, tall, taller, tallest, measure, non-standard
		2	Building 9 and 10 - find 9 and 10, compare numbers to 10, represent 9 and 10, conceptual subitising to 10	Time - key times of day (playtime, lunchtime, snack-time, home-time, before, after), order, sequence past, future
		3	Building 9 and 10 - 1 more, 1 less, composition to 10, Bonds to 10 (2 parts), make arrangements of 10	
		4	Building 9 and 10 - Bonds to 10 (3 parts), Doubles to 10 (find a double), Doubles to 10 (make a double), Explore even and odd End of block checkpoint	Building 9 and 10 - nine, ten, subitise, double, arrange, more, less, compare, make, find
		5	Explore 3D shapes - Recognise and name 3D shapes, Find 2D shapes within 3D shapes, Use 3D shapes for tasks, 3D shapes in the environment	Explore 3D shapes - 3D, 2D, sides, corners, edges, vertices, curved, flat, straight, one, two, three, four, five, six, faces, cube, cone, cylinder, cuboid, pyramids, spheres, rectangle, triangle, circle, square
		6	Explore 3D shapes - Identify more complex patterns, copy and continue patterns, patterns in the environment End of block checkpoint	

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Year 1	Spring 2	1	Place value (within 50) - Count from 20 to 50, 20, 30, 40, and 50, Count by making groups of tens, Groups of tens and ones	Place value within 50 - numerals, after, the same as, lesser, equal to least, compare, more than, forwards, backwards, 1-digit, 2-digit, tens and ones, tens and units, match, order, less than, greater than, zero, one, two, three, four, five, six, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty plus number words to fifty, estimate, partition, groups of ten
		2	Place value (within 50) - Partition into tens and ones, The number line to 50, Estimate on a number line to 50, 1 more, 1 less End of block assessment (Version A)	
		3	Length and height - Compare lengths and heights, Measure length using objects	
		4	Length and height - Measure length in centimetres, End of block assessment (Version A)	
		5	Mass and volume - Heavier and lighter, Measure mass, compare mass, Full and empty	
		6	Mass and volume - Compare volume, measure capacity, compare capacity End of Spring term assessment	
Year 2	Spring 2	1	Multiplication and division - The 5 times-table, divide by 5, The 5 and 10 times-tables End of block assessment (Version A)	Multiplication and division - times, multiples, equal, unequal, array, row, column, times-tables, odd and even, grouping, symbol, repeated addition, calculations, count in 10s, count in 5s, count in 2s, share, divide, exchange, pattern
		2	Length and height - Measure in centimetres, measure in metres, Compare lengths and heights	
		3	Length and height - Order lengths and heights, Four operations with lengths and heights End of block assessment (Version A)	

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		4	Mass, capacity and temperature - Compare mass, Measure in grams, Measure in kilograms	Length and height - compare, long, longer, longest short, shorter, shortest, tall, taller, tallest, centimetres, measure, non-standard Mass, capacity and temperature - heavy, heavier, heaviest, light, lighter, lightest, capacity, balance, equal to, mass, misconception, non-standard, container, grams, kilograms, metres, millimetres, litres, millilitres, hot, cold, temperature, scale, measure
		5	Mass, capacity and temperature - Four operations with mass, Compare volume and capacity, Measure in millimetres	
		6	Mass, capacity and temperature - Measure in litres, Four operations with volume and capacity, Temperature End of Spring Term Assessment	
Reception	Summer 1	1	To 20 and beyond - Build numbers beyond 10 (10-13), continue patterns beyond 10 (10-13), Build numbers beyond 10 (14-20), Continue patterns beyond 10 (14-20)	To 20 and beyond - past, teen, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, pattern How many now? - add, more, total, altogether, take away, left, subtract Manipulate, compose and decompose - purpose, shape, rotate, arrangement, pattern, picture, copy, change, 2D, circle, rectangle, triangle, square Sharing and grouping - equal, unequal, fair, unfair, double, even, odd, group, divide
		2	To 20 and beyond - Verbal counting beyond 20, verbal counting patterns End of block checkpoint	
		3	How many now? - Add more, How many did I add?, take away, How many did I take away? End of block checkpoint	
		4	Manipulate, compose and decompose - Select shapes for a purpose, Rotate shapes, Manipulate shapes, Explain shape arrangements	
		5	Manipulate, compose and decompose - compose shapes, decompose shapes, copy 2D shape pictures, Find 2D shape pictures	

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			End of block checkpoint	
		6	Sharing and grouping - Explore sharing, sharing, Explore grouping	
Year 1	Summer 1	1	Fractions - Recognise a half of an object or a shape, Find a half of an object or shape, Recognise a half of an quantity, Find a half of a quantity	Fractions- half, quarter, quantity, amount, shape Money - coin, note, pence, pound, same, different, amount, left, altogether, change, calculate, shopping, spend, Time - o'clock, half past, hour, minute, second, day, order, sequence, Monday, Tuesday, Wednesday Thursday, Friday, Saturday, Sunday, day, night, January, February, March, April, May, June, July, August, September, October, November, December, Months, year, Season, before, after, Multiplication and division - times, multiples, equal, unequal, array, row, column, times-tables, odd and even, grouping, symbol, repeated addition, calculations, count in 10s, 5s, 2s, share, divide, exchange, pattern
		2	Fractions - Recognise a quarter of an object or a shape, Find a quarter of an object or a shape, recognise a quarter of a quantity, find a quarter of a quantity End of block assessment (Version A)	
		3	Money - Unitising, Recognise coins, recognise notes, count in coins End of block assessment (Version A)	
		4	Time - Before and after, Days of the week, months of the year	
		5	Time - Hours, minutes and seconds, Tell the time to the hour, Tell the time to the half hour End of block assessment (Version A)	
		6	Multiplication and division - Count in 2s, count in 10s, count in 5s	
Year 2	Summer 1	1	Fractions - Introduction to parts and whole, equal and unequal parts, recognise a half, find a half,	Fractions- half, quarter, two quarters, three-quarters, quantity, amount, shape, unit fraction, non-unit fractions
		2	Fractions - recognise a quarter, find a quarter, recognise a third, find a third, find the whole, Unit fractions	

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		3	Fractions -non-unit fractions, recognise the equivalence of a half and two quarters, recognise three-quarters, find three-quarters, Count in fractions up to a whole End of block assessment (Version A)	Time - o' clock, hour, minute, second, half past, 5 minutes to, 5 minutes past, day, order, sequence, Monday, Tuesday, Wednesday Thursday, Friday, Saturday, Sunday, day, night, January, February, March, April, May, June, July, August, September, October, November, December, Months, year, Season, before, after,
		4	Time - o'clock and half past, quarter past and quarter to,	
		5	Time - Tell time past the hour, Tell time to the hour,	
		6	Time - Tell the time to 5 minutes, minutes in the hour, hours in a day End of block assessment (Version A)	
Reception	Summer 2	1	Sharing and grouping - grouping, even and odd sharing, play with and build doubles End of block checkpoint	Sharing and grouping - equal, unequal, fair, unfair, double, even, odd, group, divide Visualise, build and map - repeating pattern, replicate, copy, rules, replicate, position, instruction map, familiar, playground, model, construct Make connections - understanding, pattern, relationship, links,
		2	Visualise, build and map - Identify units of repeating patterns, create own pattern rules, explore own pattern rules, replicate and build scenes and constructions	
		3	Visualise, build and map - Visualise from different positions, describe positions, give instructions to build,	
		4	Visualise, build and map - Explaore mapping, Represent maps with models, create own maps from familiar places End of block checkpoint	
		5	Make connections - Deepen understanding, Patterns and relationships	
		6	Consolidation	
		7	Consolidation	

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Year 1	Summer 2	1	Multiplication and division - Recognise equal groups, Add equal groups, Make arrays	Multiplication and division - times, multiples, equal, unequal, array, row, column, times-tables, odd and even, grouping, symbol, repeated addition, calculations, count in 10s, count in 5s, count in 2s, share, divide, exchange, pattern Position and direction - full, half, quarter, three-quarter turn, instruction, 3-D, 2-D, complete, whole, part, left, right, left-handed, right-handed, direction, position, step, forwards, backwards, side-step, scale, grid, above, below, start, finish, top, bottom, symbols, marks, 1st, first, 2nd, second, 3rd, third, numerals 'st', 'nd', 'rd', 'th', last Place value within 100 - numerals 50-100, after, the same as, lesser, equal to least, compare, more than, forwards, backwards, 1-digit, 2-digit, tens and ones, tens and units, match, order, less than, greater than, number square
		2	Multiplication and division - Make doubles, Make equal groups - grouping, Make equal groups - sharing End of block assessment (Version A)	
		3	Position and direction - Describe turns, Describe position - left and right, Describe position - forwards and backwards, Describe position - above and below, ordinal numbers End of block assessment (Version A)	
		4	Place value (within 100) - Count from 50 to 100, Tens to 100, Partition into tens and ones The number line to 100	
		5	Place value (within 100) - 1 more, 1 less, compare numbers with the same number of tens, compare any two numbers End of block assessment (Version A)	
		6	Consolidation and revision End of Summer Term Assessment	
		7	Consolidation and revision	
Year 2	Summer 2	1	Statistics - Make tally charts, Tables, Block diagrams	Statistics - data, tally chart, 'gate', tallies, total, individual, table, match, block diagram, pictogram, interpret, similarities, differences, correspondence, least, most, concrete resource, vertical, horizontal
		2	Statistics - Draw pictograms (1-1), Interpret pictograms (1-1), draw pictograms (2, 5, and 10), Interpret pictograms (2, 5 and 10) End of block assessment (Version A)	



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		3	Position and direction - Language of position, Describe movement, describe turns	Position and direction - full, half, quarter, three-quarter turn, instruction, 3-D, 2-D, complete, whole, part, left, right, left-handed, right-handed, direction, movement, position, step, forwards, backwards, side-step, scale, grid, above, below, start, finish, top, bottom, between, symbols, marks, 1st, first, 2nd, second, 3rd, third, numerals 'st', 'nd', 'rd', 'th', last, change, clockwise, anti-clockwise, journey
		4	Position and direction - Describe movement and turns, shape patterns with turns End of block assessment (Version A)	
		5	Problem solving	
		6	Problem solving End of Summer Term Assessment	
		7	Problem solving	