Mathematics Vocabulary Progression

EYFS	
Number & Place Value	Number Zero, one, two, three to twenty None Count (on/up/to/from/down) Before, after More, less, least, greater Ones, tens Numeral
Addition & Subtraction	Number bonds, number line Add, more, plus, make, sum, total, altogether Inverse Double Half Subtract, take away, minus

Measurement	Full, half full, empty
	Holds
	Container
	Weigh, weighs, balances
	Heavy, heavier, heaviest, light, lighter, lightest
	Time
	Days of the week: Monday, Tuesday, etc.
	Seasons Day, weekend Morning, afternoon Bedtime, dinnertime, playtime Today, yesterday, tomorrow Next, last Hour, o'clock, half past How long will it take to…? Once, twice First, second, third, etc.
	Estimate, close to, about the same as, just over, just under
	Too many, too few, not enough, enough Length, width, height
	Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest
	Money, coin, penny, pence, pound, price, cost, pay
	How much? How many? Total

Position & Direction	Position Over, under, underneath, above, below, top, bottom, side on, in, outside, inside around, in front, behind Front, back Before, after Beside, next to, Between, middle, Corner
Shape	Group, sort Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square Shape Flat, curved, straight, round Solid Corner (point, pointed) Side, edge

Problem Solving	Listen, join in Start from, start with, start at Look at Put Arrange Find, choose, collect, use, make, build Count, work out number line, number cards Counters, cubes, dice, dominoes Whole, half

Year 1	
Number & Place Value	Zero, one, two, three to twenty, and beyond
	many, few, fewer, fewest, smallest, lesser
	Equal to, the same as
	Odd, even
	Pair
	Ten more/less
	Digit
	Figure(s)
	Compare (In) order/a different order
	Size
	Value
	Between, halfway between
	Above, below

Addition & Subtraction	Near double Halve Equals, is the same as (including equals sign) Difference between How many more to make...? How many more is...than...? How much more is...? How many fewer is...than.? How much less is...?
Multiplication & Division	Odd, even Count in twos, threes, fives Count in tens (forwards from/backwards from) How many times? Lots of, groups of Once, twice, three times, five times Multiple of, times, multiply, Repeated addition Double, halve Share, share equally Group in pairs, threes, etc. Equal groups of Divide, left, left over

Measurement	Scales
	Spring, summer, autumn, winter
	Week, month, year
	Birthday, holiday
	Evening, night, midnight
	Before, after
	Now, soon, early, late
	Quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly
	Old, older, oldest, new, newer, newest
	Takes longer, takes less time
	Clock, watch, hands
	How long ago? How long will it be to…? How often?
	Always, never, often, sometimes, usually
	Low, wide, narrow, deep, thick, thin
	Far, near, close
	Metre, ruler, metre stick
	Buy, sell, spend, spent, change, dear(er), costs more, costs less, cheaper, costs the same as

Position & Direction	Opposite
	Apart
	Edge, centre
	Direction
	Journey
	Left, right, up, down, forwards, backwards, sideways
	Across
	Close, far, near
	Along, through
	To, from, towards, away from
	Movement
	Slide, roll, turn, whole turn, half turn
	Stretch, bend

Shape	Hollow Corner (point, pointed) Face Make, build, draw
Fractions	Equal parts, four equal parts A quarter, two quarters
Problem Solving	Say, think, imagine, remember Point to Place, fit Rearrange Change, change over Split, separate Carry on, continue, repeat & what comes next? Tell me, describe, pick out, talk about, explain, show me Read, write, record, trace, copy, complete, finish, end Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow Cost Answer, check same number(s)/different number(s)/missing number(s)

Number facts, number track, number square,

Abacus, blocks, rods, die, pegs, peg board

Same way, different way, best way, another way

In order, in a different order

Not all, every, each

Year 2	
Number & Place Value	Numbers to one hundred Hundreds Partition, recombine Hundred more/less
Four Operations	Array, row, column Multiply by Divided by Inverse
Measurement	Quarter past/to m/km, g/kg, ml/l Temperature (degrees C)

Position & Direction	Rotation Clockwise, anticlockwise Straight line Ninety-degree turn, right angle
Shape	Size Bigger, larger, smaller Symmetrical, line of symmetry Fold Match Mirror line, reflection Pattern, repeating pattern

Fractions	Three quarters, one third, a third Equivalence, equivalent
Statistics	Count, tally, sort Vote Graph, block graph, pictogram, Represent Group, set, list, table Label, title Most popular, most common, least popular, least common
Problem Solving	Predict, prove Describe the pattern, describe the rule Find, find all, find different Investigate

Year 3	
Number & Place Value	Numbers to one thousand
Addition & Subtraction	Column addition and subtraction
Multiplication & Division	Product Multiples of four, eight, fifty and one hundred
Measurement	Leap year Twelve- hour/twenty-four- hour clock Roman numerals I to XIII
Position & Direction	Greater/less than ninety degrees Orientation (same orientation, different orientation) Perimeter and area

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Shape	Horizontal, perpendicular and parallel lines Quadrilaterals Triangles
Fractions	Numerator, denominator Unit fraction, non-unit fraction Compare and order Fifth, two fifths, four fifths, tenths Equivalent
Statistics	Chart, bar chart, frequency table, Carroll diagram, Venn diagram Axis, axes Diagram

Year 4	
Number & Place Value	Tenths, hundredths Decimal (places) Round (to nearest) Thousand more/less than Negative integers Count through zero Roman numerals (I to C)
Multiplication & Division	Multiplication facts (up to 12x12) Division facts Inverse Derive
Measurement	Convert

Position & Direction	Coordinates Translation Quadrant X-axis Y-axis Perimeter and area
Shape	Quadrilaterals Triangles Right angle, acute and obtuse angles
Fractions & Decimals	Equivalent decimals and fractions
Statistics	Continuous data Line graph

Year 5	
Number & Place Value	Powers of 10
Addition & Subtraction	Efficient written method
Multiplication & Division	Factor pairs Composite numbers, prime number, prime factors, square number, cubed number Formal written method
Measurement	Volume Imperial units, metric units
Position & Direction	Reflex angle Dimensions
Shape	Regular and irregular Polygons

Fractions, Decimals & Percentages	Proper fractions, improper fractions, mixed numbers
	Percentage
	Ratio, proportion

Year 6	
Number & Place Value	Numbers to ten million
Addition & Subtraction	Order of operations BIDMAS (Brackets, Indices, Division, Multiplication, Addition, Subtraction)
Multiplication & Division	Order of operations BODMAS BIDMAS (Brackets, Indices, Division, Multiplication, Addition, Subtraction) Common factors, common multiples
Position & Direction	Four quadrants (for coordinates)
Shape	Vertically opposite (angles) Circumference, radius, diameter
Fractions, Decimals & Percentages	Degree of accuracy Simplify

Statistics	Mean Pie chart Construct
Algebra	Linear number sequence Substitute Variables Symbol Known values

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