



Mathematical Vocabulary Progression

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Place value	One more One less Place Order Number Count Number line Equals	Numeral, count, equal to, equivalent to most, least, half-way, between, compare, order, number, more, less, odd, even, pattern, pair Numerals, teen numbers, forwards, backwards, equal to, equivalent to, above, below	Groups of, tens, ones, sequence, predict, rule, place value, represents, regroup, even, odd, standard and non-standard partition	ten times the size of, previous and next multiple of 10 or 100, ascending and descending, Scale up, regroup, interval	consecutive, integer, positive, negative (do not use minus to refer to negative numbers), closest multiple, rounded to	negative/positive, ascending/descending order, ten thousand, hundred thousand, midpoint,	digit total, 10 million
Addition and Subtraction	Add Subtract Addition Subtraction Number line Single digit Count on Count back Doubling Halving Sharing	Addition, half, halve, subtract, equals, is the same as, number bonds/pairs, missing numbers, add, more, sum, total, altogether, double, one more, two more	one hundred more..., one hundred less ... , tens boundary, bridging, inverse, check, mentally, calculation, balance, regroup, partition	partition, regroup, estimate, check, inverse, efficiency, Missing part, minuend, subtrahend, difference sum, addend	scaling, formal, columnar, estimate, regroup	inverse, integer, regroup, factor pair, common factor, divisibility, square number, cube number, prime number, composite number, one tenth times the size, one hundredth times the size, regroup, scale, remainders	prime factor, Highest Common Factor, Lowest Common
Multiplication and division	sharing doubling halving number pattern	count in ones, twos, fives, tens, multiplication, division	groups of, division, share, array, row, column, multiplication, repeated addition	Factor, product, Double and double again, six fours are twenty-four (verbalise sound pattern of 3 relevant numbers), quotient,	dividend, multiple, divisor, remainder, factor pairs, commutative, distributive, quotient, represents, correspondence problems		

				sharing (partitive), grouping (quotitive)	multiplier and multicand		
Fractions		Fraction, equal part, one of two equal parts, one of four equal parts, quarter, half	equivalent fraction, numerator, denominator, halves, quarters, thirds, equal parts	tenths, unit/non-unit fraction, numerator, denominator mixed number, equal parts, interval	proper and improper, equivalent	prime factor, Highest Common Factor, Lowest Common hundredth, zero point (0.), thousandth, percent, approximate, bonds, sequences,	Highest Common Factor, Lowest Common Multiple, Simplify thousandth, integer, equivalence
Algebra							Expression, substitute, formula, equation, represent, possibilities, enumerate, combinations, variables
Ratio						Scaling	Ratio, proportion, scale, scale factor, part:part relationship, multiplicative relationship

Measure: Time	night, day, morning, afternoon, today, tomorrow, yesterday, before, after, now, next, later, timetable, calendar, first, next, fastest, slowest)	months of the year, seasons, weekend, month, year, earlier, later, first, midnight, date, usually, once, twice, half past, clock face, hour hand, minute hand, hours, minutes	5, 10, 15 minutes past, duration, quarter past, quarter to	Calendar, a.m. p.m., Roman numerals, 12 hour clock and 24 hour clock, analogue and digital, use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight, duration, year and leap year	convert, approximately, difference		
Measure: Money		Change, costs more, costs less, cheaper, costs the same as, How much...?, How many...?, total	Pounds, pence, £ and p, amount	add and subtract amounts of money to give change, using both £ and p in practical contexts	equivalent, 2 decimal places (2dp), round, nearest whole number, tenth, hundredth, estimate, compare		
Measure: length	big, little, large, small, tall, short, long, easier to carry, harder to carry heavy and light, heaviest, heavier, lighter, lightest, estimate	Measure/ment, centimetre, ruler, metre stick, metre, length, height, width, depth, low, wide, narrow, thick, thin, long/er/est, short/er/est, tall/er/est, high/er/est, far, near, close	measuring scale, standard units (cm, m)	perimeter, length (m/cm/mm), duration	metric unit, rectilinear, mm, cm, m, km (kilo), units of measure, area	compound, formula, square metre, adjacent, opposite Metric, imperial, inches, pounds (lb)	dimensions, cubic centimetres, cubic metres, miles kilometres
Measure: Mass and Volume	full, empty, half full, nearly full, nearly empty, tall, thin, narrow, wide, shallow, deep,	Weight, mass, Capacity and volume, quarter full, weigh, weighs, balances, heavy/ier/iest,	Temperature, degree celcius, standard units (g, kg, ml, l), thermometer,	volume/capacity (l/ml)Grams, kilograms, mass (kg/g); litres, millilitres	unit of measure, metric		

	holds more, holds less)	light/er/est, scales, full, empty, half full	scales, measure jug				
Geometry: Direction	next to, beside, behind, on top, beneath, between, above, below, over, under, around, through	Underneath, centre, journey, quarter turn, three-quarter turn	route, clockwise, anticlockwise, full turn, half turn, quarter turn, three quarter turn	, turn, greater than, less than, half turn, right angle, quarter turn, clockwise, anti-clockwise 2-D shapes and 3-D	quadrilateral, triangle, regular, irregular, symmetry, orientation, edge, vertex, isosceles, equilateral, scalene, trapezium, parallelogram, rhombus, interior angles, acute, obtuse, straight line, properties, coordinates, plot, translation, first quadrant, x and y axis	first quadrant, translation, reflection, point, vertex/vertices, image and object	Angles, protractor, reflex, regular, irregular, equilateral, scalene, isosceles, quadrilaterals, vertically opposite angles, interior and exterior angles
Geometry: Shape	squares, rectangles, straight sides, corners similarities and differences, flat, curved, straight, round, hollow, solid, sort, make, build, draw, face (triangular and square faces), edge, vertex/corner, cube, cuboid, pyramid, sphere, cone	2D shape, point, pointed, 3D shape, cuboid, cylinder, cube, pyramid, sphere, cone, shape, pattern, flat, curved, straight, round, hollow, solid, sort, size, repeating pattern, corner, side, rectangle (square), circle, triangle, face, edge, vertex, vertices	surface, line symmetry, vertical, straight sides, vertices, edges, faces	shapes, parallel, perpendicular, polygon, polyhedron, sphere, cuboid, cylinder, pyramid, cone, prism, horizontal, vertical, orientation, angles			

Statistics			Tally, graph, block graph, pictogram, represent, label, title, most popular, most common, least popular, least common	interpret, present, pictogram, bar chart, frequency table, Venn diagram, axis/axes	interpret, present discrete and continuous data, using appropriate, time graphs, Carroll diagram	discrete, continuous, two-way tables	Mean, average, pie charts, circle, circumference, diameter, radius
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