Maths Vocabulary Progression

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Place value	amount, backwards, collection, count, few, fewer (than), forwards, how many, largest, lot(s), more (than), number, numeral, same, smallest, subitise	after, before, different, represent, zero	compare, count on, digit, fewest, greater than, greatest, less than, most, one(s), order, partition, represent, ten(s), ordinal numbers (first, second, third, etc)	exchange, interval, least, multiple, value	ascending, descending, hundred(s), part, whole	place holder, roman, numeral, round, thousands	hundred, ten thousand(s), integer, negative number, millions, power of 10, ten thousand	million
Addition and subtraction	add more altogether first left now take away	As in Nursery with: 1 less, 1 more, add more,part, whole	addition, add together, subtraction/ subtract, difference, double, efficient, equal to, fact family, greater, group, inverse, less, minus, near double, number bond, plus, symbol, systematic, total	calculation, exchange, method, multiple, one(s), operation, partition, related facts, ten(s), value, increase, decrease, sum	column, addition, column, subtraction, digit, estimate, exchange, hundred(s), inverse, crossing the 10, crossing the 100	efficient, inverse, round, thousand(s)	accurate, approximate, constant difference, strategy	Order of operations

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Multiplication and division	groups grouping sharing pair fair	As in Nursery with: double, equal, even, odd, unequal	array, divide, repeated, addition	divide, even, half, lots of, multiply, odd, twice, times times-table	commutative, inverse, multiple, product, remainder, scaling	Factor, factor pair, inverse, triple, efficient	common multiple, common factor, cube number, prime number, square number	composite number, order of operations, powers of
Fractions, decimals and percentages			equal parts, half, quarter, whole	numerator, denominator, equivalent, unit fraction, non-unit fraction, third, two-quarters, three-quarters	scale, compare, convert	decimal equivalent, decimal place, decimal point, hundredths, improper, fractions, mixed, numbers, proper fractions, round, tenths	common denominator, fractional part, percentage, thousandth	simplify, simplest form, recurring
Measure (money)			amount, coin, note, money, pence (p), pound (£), unitise, value	change, cost, worth	convert	decimal		

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Measure (length and height)	big, bigger, large, little, small, smaller	height, length, long, longer, longest, measure, short, shorter, shortest, tall, taller, tallest	Centimetres, ruler	metres	Convert, millimetres, perimeter	area, kilometres, rectilinear, width	imperial, inches, metric, volume	formula
Measure (mass, capacity and temperature)	big, bigger, large, little, small, smaller	balanced, balancing scales, empty, float, full, heavier, heaviest, heavy, least, less, light, lighter, lightest, mass, more, most, narrow, sink, tall, thin, weight, wide	capacity, container, non-standard, volume	celsius, circular scales, degrees, grams, kilograms, litres, millilitres, temperature, thermometer	convert		cubic, centimetres, imperial metric, pints, pounds	formula, gallon, ounces, tonnes

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Measure (time)	first, next, now, then	after, afternoon, before, clock, day, evening, later, lunchtime, minute, morning, night, night-time, today, tomorrow, week, weekend, yesterday	half past, hour, month, o'clock, second, watch, week	five-minute intervals midnight, noon, quarter past, quarter to	analogue clock, 12-hour clock, 24-hour clock, digital clock duration, leap year, am, pm, Roman numerals			
Shape	build, curved, curvy, different, flat, match, pointy, round, same, sharp, stack	2-d shape, 3-d shape, circle, cone, corner, cube, cuboid, curved, cylinder, face, flat, pyramid, rectangle, rotate, set, sides, solid, sort, sphere, square, straight, surface, triangle	properties	edge, line of symmetry, symmetrical, vertex, vertices	acute, obtuse, angle, vertical horizontal, parallel, perpendicular, polygon, right angle	equilateral, regular, irregular, isosceles, parallelogram, quadrilateral, rhombus, scalene, trapezium	adjacent, degrees, reflex angle	base, circumference, diameter, dimensions, interior angles, intersect, net, opposite, angles, radius

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Statistics				block diagram, key, pictogram, table, tally chart, collect, record	axis, bar chart, cell, horizontal axis, label, scale, two-way table, title, vertical axis	data, estimate, line graph	timetable, variable	average, dual bar chart, mean, pie chart
Position and direction	behind, between, down in, in front, inside, move, on, out, outside, over, through, under, up	above, around, backwards, below, beside, bottom, forwards, map, next to, position, route, top	far, full turn, half turn, left, near, quarter turn, right, three-quarter turn, direction	anti-clockwise, between, clockwise		coordinates, grid, reflection, translation	quadrant	x axis y axis
Ratio and proportion								additive, enlargement, multiplicative, proportion, ratio, scale factor, scaling, simplest form
Algebra								algebra, equation, expression, function, input, linear output, rule, solve, substitution, value

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Pattern	after, line, next, pattern, spot, star, stripe, swirl, zigzag	continue, copy, mistake, repeat, repeating, pattern, same		decreasing, increasing, sequence				