



Vocabulary Progression

Subject: Mathematics



	NURSERY	RECEPTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
NUMBER: PLACE VALUE	zero, number, one, two, three, four, up to twenty, teen numbers, eleven, twelve, thirteen, up to twenty, none, how many? count, count on, count up, count back, count from, more, less, is the same as, pattern, few, pair,, size, first, second, third, before,, after, last, biggest, largest, greatest, how many,	odd, even, ones, tens, digit, the same number as, as many as, compare, order, fourth, fifth, last but one, between, next, fewer, smaller, greater, fewest, smallest least, most, one more, ten more, one less, ten less, guess, estimate, nearly, close to, about the same as, just over, just under, too many, too few, enough, not enough	numeral, twenty-one, twenty-two.....hundred, forwards, backwards, equal to, equivalent to, most, least, many, multiple of, equal to, half-way between, roughly, count in ones, twos, fives, tens, place, place value, stands for, represents, exchange,	two hundred, three hundred,.. one thousand, threes, fours, sequence, continue, predict, rule, > greater than, < less than, hundreds, one, two or three digit number, twenty-first, twenty-second, exact, exactly,	count in eights, fifties....to hundreds, factor of, relationship, one hundred more, one hundred less, one thousand, approximately, approximate, round, nearest, round to the nearest ten, hundred, round up, round down, integer,	ten thousand, hundred thousand, million, count in sixes, sevens, nines, twenty-fives, next, consecutive, Roman numerals, integer, positive, negative, above/below, zero, minus, negative numbers, one thousand more, one thousand less, round to the nearest thousand,	factor, pair, formula, divisibility, ascending order, descending order, ones boundary, ten thousand, hundred thousand, million, composite number, decimals with 2 and 3 places, square number, cube number, prime number, mixed number, decimal fraction, power of,	ten million, billion,
ADDITION AND SUBTRACTION		add, more, and make, sum, total altogether double one more, two more ... ten more how many more to make ...? how many more is ... than ...? how much more is ...? take away how many are left/left over? how many have gone? one less, two less, ten less ... how many fewer is ... than ...? how much less is ...? difference between	addition, near double half, halve, subtract, equals is the same as number bonds/pairs missing number	one hundred more, one hundred less, facts tens boundary	hundreds boundary	inverse	ones boundary, tenths boundary	order of operations, brackets,
MULTIPLICATION AND DIVISION		sharing doubling halving number patterns	multiplication multiply multiplied by multiple division dividing grouping array	groups of times once, twice, three times ... ten times repeated addition divide, divided by, divided into share, share equally left, left over one each, two each, three each ... ten each group in pairs, threes ... tens equal groups of row, column multiplication table multiplication fact, division fact	factor product remainder	inverse square, squared cube, cubed		

FRACTIONS, DECIMALS AND PERCENTAGES		parts of a whole, half, quarter,	two quarters, three quarters, equal parts, equal groups quantity, object, one whole, fraction, equal sharing, one of two equal parts, one of four equal parts, two halves,	third, equivalence, equivalent fraction, mixed number, numerator, denominator, one third, two thirds, one of three equal parts,	fifth, sixth, seventh, eighth, ninth, tenth, two thirds, tenths divided by ten, unit fraction, discrete set, diagram, add/subtract within one whole, decimal point,	hundredth, divided by 100, non- unit fraction, common equivalent fractions decimal equivalent, rounding, decimal places, decimal fraction, proportion,	improper fraction, mixed number, proper fractions, thousandths, convert, nearest whole number, per cent symbol, percentage, %, number of parts per hundred, percentage equivalent, reduced to, cancel,	simplest form, degree of accuracy,
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MEASUREMENT	days of the week, Monday, Tuesday ... day, week takes longer, takes less time hour, o'clock clock, watch, size, guess, too much, too little, long, short, tall, longest, shortest, tallest, heavy, light heavier than, lighter than heaviest, lightest, morning, afternoon, evening, night bedtime, dinner time, playtime, today, empty, full, birthday, far, near,	measure compare estimate enough, not enough too many, too few nearly close to about the same as just over, just under metre length, height, width, depth high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on highest ... and so on close weigh, weighs, balances scales half full holds container time holiday yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest hands money coin penny, pence, pound price, cost buy, sell spend, spent pay	measurement roughly centimetre ruler metre stick kilogram, half kilogram litre, half litre capacity volume more than less than quarter full months of the year (January, February ...) seasons: spring, summer, autumn, winter weekend, month, year earlier, later first midnight date how long ago? how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes usually once, twice half past, quarter past, quarter to clock face hour hand, minute hand hours, minutes change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total	measuring scale contains temperature degree fortnight 5, 10, 15 ... minutes past digital/analogue clock/watch, timer seconds bought sold	division approximately millimetre, kilometre, mile distance apart ... between ... to ... from perimeter centigrade century calendar earliest, latest a.m., p.m. Roman numerals 12-hour clock time, 24-hour clock time	unit, standard unit metric unit breadth edge area, covers square centimetre (cm2) mass: big, bigger, small, smaller weight: heavy/light, heavier/lighter, heaviest/lightest measuring cylinder leap year millennium noon date of birth timetable, arrive, depart	imperial unit square metre (m2), square millimetre (mm2) pint, gallon discount currency	yard, foot, feet, inch, inches circumference tonne, pound, ounce centilitre cubic centimetres(cm3), cubic metres (m3), cubic millimetres (mm3), cubic kilometres (km3) Greenwich Mean Time, British Summer Time, International Date Line profit, loss
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GEOMETRY	shape, pattern, repeating pattern, flat, curved, straight, round, make, build, draw, spots, stripes, sort, match, triangle, square, circle,	hollow, solid, size, bigger, larger, smaller symmetrical,	symmetry, symmetrical pattern, point, pointed, cuboid, cylinder	surface, line symmetry, rectangular, circular, triangular pentagon hexagon octagon	compass point north, south, east, west, N, S, E, W horizontal, vertical, diagonal, angle ... is a greater/smaller angle than, acute angle obtuse angle	Line, construct, sketch, centre, angle, right-angled base, square-base, reflect, reflection, regular, irregular,2-D, two-dimensional, oblong rectilinear, equilateral triangle, isosceles triangle, scalene triangle, heptagon, parallelogram, rhombus, trapezium polygon, 3-D, three-dimensional, spherical, cylindrical, tetrahedron, polyhedron, north-east, north-west, south-east, south-west, NE, NW, SE, SW, translate, translation, rotate, rotation, degree, reflection, ruler, set square angle measurer, compass	radius, diameter, congruent, axis of symmetry, reflective symmetry, x-axis, y-axis, quadrant, octahedron, coordinate, protractor, vertically opposite angles,	circumference, concentric, arc net, open, closed, intersecting, intersection plane, kite, dodecahedron net, open, closed,
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STATISTICS		count, sort, group, set list	vote table tally chart, pictogram,	graph, represent label, title, most popular, most common least popular, least common, block graph, bar chart, how many more? How many fewer? calendar, scale, compare, total, category, horizontal, vertical	frequency table Carroll diagram, Venn diagram diagram, axis, axes, interpret, key, subset, timetable, information, graph, one-step problem, two-step problem	survey, questionnaire, discrete data, continuous data, time graphs, comparison problem, sum problem, difference problem, calculate, interpret	database bar line chart line graph maximum/minimum value outcome, two-way tables frequency chart, construct,	mean, average, pie chart, scatter graph, conversion table, conversion graph, segment,
ALGEBRA							formula	equation, variable, formulae, linear sequence, express unknowns, equivalent expression, number pattern express, generate, symbols, substitute, algebra, algebraically, combinations,
RATIO AND PROPORTION								relative size, quantity, scale factor, comparison, ratio/ proportion, unequal sharing/grouping, similar shapes, missing values, integer multiplication,