



**Vocabulary Progression 2023-2024**  
**Subject: Mathematics**



	NURSERY	RECEPTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
<b>NUMBER: PLACE VALUE</b>	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, 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,
<b>ADDITION AND SUBTRACTION</b>		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,
<b>MULTIPLICATION AND DIVISION</b>		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		
<b>FRACTIONS, DECIMALS AND PERCENTAGES</b>		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,

<b>MEASUREMENT</b>	<p>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,</p>	<p>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</p>	<p>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</p>	<p>measuring scale  contains  temperature  degree  fortnight  5, 10, 15 ... minutes past  digital/analogue clock/watch,  timer  seconds  bought  sold</p>	<p>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</p>	<p>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</p>	<p>imperial unit  square metre (m2 ), square millimetre (mm2 )  pint, gallon  discount  currency</p>	<p>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</p>
<b>GEOMETRY</b>	<p>shape, pattern, repeating  pattern, flat, curved, straight, round, make, build, draw, spots, stripes, sort, match, triangle, square, circle,</p>	<p>hollow, solid, size, bigger, larger, smaller symmetrical,</p>	<p>symmetry, symmetrical  pattern, point, pointed, cuboid, cylinder</p>	<p>surface, line symmetry, rectangular, circular, triangular pentagon hexagon octagon</p>	<p>compass point north, south, east, west, N, S, E, W  horizontal, vertical, diagonal,  angle ... is a greater/smaller angle than, acute angle  obtuse angle</p>	<p>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</p>	<p>radius, diameter, congruent, axis of symmetry, reflective symmetry, x-axis, y-axis, quadrant, octahedron, coordinate, protractor, vertically opposite angles,</p>	<p>circumference, concentric, arc net, open, closed, intersecting, intersection plane, kite, dodecahedron net, open, closed,</p>

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, 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,