



## Maths Vocabulary Progression

	<u>Number/Place Value</u>	<u>Addition and Subtraction</u>	<u>Multiplication and Division</u>	<u>Measure</u>	<u>Geometry (Position and Direction)</u>	<u>Money</u>	<u>Time</u>	<u>Geometry (Shape)</u>	<u>Fractions</u>	<u>Data/Statistics</u>
<b>EYFS</b>	Number names from 0 to 20 and beyond How many? Count Count up to Count to Count back from More, most, larger, bigger, greater Less, least, fewer, smaller, smallest Same as, equal Pairs Ones, tens One more/less Compare, order Before, after, next, between	Add, sum, plus Take away More Make Altogether Double One/two/ten more How many are left? How many more? Difference between Number bonds	Sharing Halving Doubling Number patterns	Measure, size, compare, guess, estimate, enough, not enough, too much, too little, too many, too few, nearly Length, height, width, depth, long, short, tall, high, low, wide, narrow, thick, thin, longer, shorter, taller, higher, longest, shortest, tallest, highest, far, near, close Weigh, weighs, balances, heavy, light, heavier than, lighter than, heaviest, lightest, scales Full, empty, half full, nearly full	Position, over, under, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, beside, next to, opposite, apart, between, middle, edge, corner, direction, left, right, up, down, forwards, backwards, sideways, across, next to, close, near, far, along, through, to, from, towards, away from, movement, slide, roll, turn, stretch, bend, whole turn, half turn	Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay	Time, days of the week, day, week, birthday, holiday, morning, afternoon, evening, night, bedtime, dinner time, playtime, today, yesterday, tomorrow, before, after, next, last, now, soon, early, late, quick, quicker, quickest, quickly, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest, takes longer, takes less time, hour, o'clock, clock, watch, hands	Shape, pattern, flat, curved, straight, round, hollow, solid, sort, make, build, draw, size, bigger, larger, smaller, symmetrical, pattern, repeating pattern, match  Corner, side, rectangle (including squares) circle, triangle  Face, edge, vertex, vertices, cube, pyramid, sphere, cone	Parts of a whole, half, quarter	Count, sort, group, set, list
<b>Year 1</b>	Ten more/less, digit, numeral, twenty one, twenty two... one hundred, compare, many, order/a different order, forwards, backwards, size, equal to, equivalent to, value, between, tens, ones, base 10, part/whole model, place value counters, dominoes, countrs,	Number bonds, number line Add, addition, more, plus, make, sum Subtract, subtraction, take away, minus Total, altogether Inverse, double, equals, same as, difference between, missing number	Multiply, multiply by, repeated addition, array, row, column, double, halve, share, share equally, group in pairs, threes, etc., equal groups of, divide, divided by, left over,	Low, wide, narrow, deep, shallow, thick, thin, far, near, close, metre, ruler, metre stick, measurement, centimetre, metre, kilogram, roughly, litre, capacity, volume	Centre, corner, direction, underneath, journey, left, right, up, down, stretch, bend, compass directions, north, east, south, west, turn, left turn, right turn, quarter turn	How much?, How many?, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as, total	Seasons, month, year, weekend, midnight, today, yesterday, tomorrow, hour, o'clock, half past, quarter past/to, date, hour hand/minute hand, hour, minute, clock, watch, hands, how long ago?, How long will it be to ... ?, How long will it take to ... ?, How often?	Corner (point, pointed), vertices, vertex, face, side, edge, make, build, draw, 2D, 3D, cuboid, cylinder, dimensional, shape names, symmetry, symmetrical	Whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters	Count, sort, group, set, list, tally, chart, graph, best way, in order, same way, different way, list, table, vote



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	blocks, number square <, > and =						First, second, third etc...			
<b>Year 2</b>	Numbers to <b>two hundred, hundreds, partition, recombine, more/less</b> 10 more/10 less, numeral, <b>predict</b> , tally, pattern, pair, rule, <b>sequence</b> , symbol, equivalent, <b>exchange</b> , represent, compare, <b>count in 3's</b>	Is the same as, number bonds/pairs/facts <b>tens boundary</b> , left over, near double, difference, <b>100 more/100 less</b>	multiplication, multiple, <b>groups of, times once, twice, three times ... ten times, repeated addition, division, dividing, divide, divided by, divided into grouping sharing, share, share equally/unequally, array, row, column number patterns, multiplication table, multiplication fact, division fact, times tables</b>	metres, kilometers, <b>grams</b> , kilograms, millimeters, liters, <b>temperature, degrees, further, furthest, tape measure, measuring scale</b>	Rotation, <b>clockwise, anticlockwise</b> , straight line, ninety degree turn, <b>right angle, route</b> ,	<b>bought, sold</b> , change, £, notes, names of notes	quarter past, quarter to, months of the year, <b>fortnight, 5/10/15 minutes past/minutes to, digital/analogue clock, seconds</b> ,	Size, bigger, larger, smaller, symmetrical, <b>line of symmetry</b> , fold, match, mirror line, reflection, pattern, repeating pattern, <b>surface, circular, triangular, pentagon, hexagon, octagon</b>	fraction equivalent fraction mixed number numerator, denominator equal part equal grouping equal sharing parts of a whole half, two halves one of two equal parts quarter, two quarters, three quarters one of four equal parts one third, two thirds one of three equal parts	count, tally, sort, vote graph, block graph, <b>pictogram represent group, set list, table label, title most popular, most common least popular, least common</b>
<b>Year 3</b>	count in ones, twos, fives, tens, threes, fours, <b>eights, fifties</b> multiple of <b>factor of relationship roman numerals one hundred more/less</b> first, second, third ... twentieth twenty-first, twenty-second ..., <b>approximate, approximately, rounding, round up/down, round to the nearest 100</b>	<b>hundreds boundary</b> , column addition/subtraction	<b>factor, product, remainder</b> , multiples of four, eight, fifty and one hundred, scale up	<b>milimetre, kilometre, mile</b> , distance apart ... between ... to ... from, <b>perimeter ruler metre stick, tape measure, centigrade</b>	<b>compass point north, south, east, west, N, S, E, W horizontal, vertical, diagonal, angle ... is a greater/smaller angle than</b>	buy, bought, sell, sold spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total	<b>century</b> , calendar, earliest, latest, <b>a.m/p.m, roman numerals, 12 hour clock/24 hour clock</b>	perimeter, <b>pentagonal hexagon, hexagonal octagon, octagonal quadrilateral right-angled parallel, perpendicular, hemisphere, prism, triangular prism</b>	<b>sixths, sevenths, eighths, tenths ...</b>	list, table, chart, bar chart, <b>frequency table Carroll diagram, Venn diagram label, title, axis, axes diagram</b>
<b>Year 4</b>	<b>ten thousand, hundred thousand, million counting in sixes, sevens, nines, twenty</b>	number bonds/pairs/facts missing number tens boundary, <b>hundreds boundary, inverse</b>	<b>inverse square, squared cube, cubed</b>	<b>unit, standard unit metric unit</b> , far, further, furthest, near, close distance apart ... between ...	<b>north-east, north-west, south-east, south-west, NE, NW, SE, SW,</b>	cheap, costs less, cheaper costs the same as how much ...? how many ...? tota	day, week, weekend, fortnight, month, year, <b>leap year, century, millennium birthday, holiday</b>	<b>construct, sketch, centre</b> , curved, straight round	one third, two thirds one of three equal parts sixths, sevenths, eighths, tenths ...	<b>survey, questionnaire, data</b>



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	<p>fives to hundreds/thousands next, consecutive integer, positive, negative above/below zero, minus negative numbers</p> <p>one thousand more/less round to the nearest thousand</p> <p>Tenths, hundredths, decimal (places)</p>			<p>to ... from edge, perimeter area, covers, square centimetre (cm<sup>2</sup>) ruler, metre stick, tape measure</p>	<p>translate, rotate, degree, reflection,</p>		<p>morning, afternoon, evening, night, noon, date of birth, timetable, arrive, depart</p>	<p>hollow, solid sort make, build, angle, right-angled base, square-based, reflect, reflection, equilateral triangle, isosceles triangle, scalene triangle</p>	<p>hundredths decimal, decimal fraction, decimal point, decimal place, decimal equivalent proportion</p>	
Year 5	<p>formula divisibility square number prime number ascending/descending order, <math>\geq</math> greater than or equal to <math>\leq</math> less than or equal to, factor pair,</p>	<p>ones boundary, tenths boundary</p>	<p>inverse square, squared cube, cubed, number patterns multiplication table multiplication fact, division fact</p>	<p>imperial unit, square metre (m<sup>2</sup>), square millimetre (mm<sup>2</sup>), pint, gallon</p>	<p>co-ordinate</p>	<p>discount, currency</p>	<p>day, week, weekend, fortnight, month, year, leap year, century, millennium birthday, holiday morning, afternoon, evening, night, noon, date of birth, timetable, arrive, depart</p>	<p>x-axis, y-axis, quadrant, octahedron, radius, diameter surface angle, right-angled congruent, square-based, axis of symmetry, reflective symmetry</p>	<p>proper/improper fraction equivalent fraction mixed number numerator, denominator equivalent, reduced to, cancel, in every, for every percentage, per cent, %</p>	<p>database, line graph, outcome</p>
Year 6	<p>factorise prime factor ascending/descending order digit total</p>	<p>difference between equals is the same as number bonds/pairs/facts missing number tens boundary, hundreds boundary, ones boundary, tenths boundary inverse</p>	<p>doubling halving array row, column number patterns multiplication table multiplication fact, division fact inverse square, squared cube, cubed</p>	<p>yard, foot, feet, inch, inches, , circumference, tonne, pound, ounce, centilitre cubic centimetres(cm<sup>3</sup>), cubic metres (m<sup>3</sup>), cubic millimetres (mm<sup>3</sup>), cubic kilometres (km<sup>3</sup>)</p>	<p>reflex angle</p>	<p>profit, loss</p>	<p>Greenwich Mean Time, British Summer Time, International Date Line</p>	<p>circumference, concentric, arc net, open, closed, intersecting, intersection plane, dodecahedron net, open, closed</p>	<p><u>Algebra-</u> formulae equation unknown variable, ratio</p>	<p>pie chart, mean (mode, median, range as estimates for this) statistics, distribution</p>