

Maths Vocabulary Progression Document

Nursery

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position & Direction)	Geometry (Properties of Shape)	Fractions	Data/Statistics
Order More than fewer than Altogether How many...? Guess, Compare, Count Number Total One, two...ten							

Reception

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position & Direction)	Geometry (Properties of Shape)	Fractions	Data/Statistics
zero one, two, three ... to twenty count in ones count (up) to, count on (from, to), count back (from, to) is the same as digit less pattern	add, more, and, make, one more, two more how many more to make ...? how many more is ... than ...? how much more is ...? take away how many are left/left	sharing doubling halving number patterns odd and even grouping				parts of a whole half	

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pair ones, tens, digit the same number as, as many as more, larger, bigger, greater fewer, smaller, less	over? one less, two less, how many fewer is ... than ...? how much less is ...? difference between number bonds						
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Year 1

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position & Direction)	Geometry (Properties of Shape)	Fractions	Data/Statistics
number zero, one, two, three to twenty, and beyond count (on/up/to/from/down) before, after more, less, many, few, fewer, least, fewest, smallest, greater, lesser equal to, the same as	number bonds, number line add, more, plus, make, sum, total, altogether inverse double, near double half, halve equals, is the same as (including equals sign) difference between	odd, even count in twos, threes, fives count in tens (forwards from/backwards from) lots of, groups of once, twice, three times, five times multiple of, times, multiply, multiply by repeated addition	full, half full, empty holds, container weigh, weighs, balances heavy, heavier, heaviest, light, lighter, lightest scales time days of the week: Monday, Tuesday, etc. seasons: spring, summer, autumn,	position over, under, underneath, above, below, top, bottom, side on, in, outside, inside around, in front, behind front, back, before, after beside, next to, opposite, apart between, middle,	group, sort cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square shape flat, curved, straight, round hollow, solid corner (point, pointed) face, side, edge make, build, draw	whole equal parts, four equal parts one half, two halves a quarter, two quarters	listen, join in say, think, imagine, remember start from, start with, start at look at, point to put, place, fit arrange, rearrange carry on, continue, repeat, what comes next? find, choose, collect, use, make, build

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odd, even pair, ones, tens ten more/less digit, numeral, compare, order value	how many more to make..?, how many more is...than..?, how much more is..? subtract, take away, minus how many fewer is...than..?, how much less is..?	array, row, column double, halve share, share equally group in pairs, threes, etc. equal groups of divide, divided by, left, left over	winter day, week, month, year, weekend morning, afternoon, evening, night, today, yesterday, tomorrow before, after quick, quickest, fast, faster, fastest, slow, slower, slowest, old, older, oldest, new, newer, newest hour, o'clock, half past clock, watch, hands estimate, close to, about the same as, just over, just under length, width, height, depth long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest far, near, close	edge, centre corner direction left, right, up, down, forwards, backwards, sideways across close, far, near along, through to, from, towards, away from movement slide, roll, turn, whole turn, half turn stretch, bend			tell me, describe, pick out, talk about, explain, show me read, write, record, trace, copy, complete, finish, end cost count, work out, answer, number facts, number line, number track, number square, number cards same way, different way, best way
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			metre, ruler, metre stick money, coin, penny, pence, pound, price, cost, how much? how many?				
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Year 2

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position & Direction)	Geometry (Properties of Shape)	Fractions	Data/Statistics
numbers to one hundred hundred hundreds numerals partition hundred more/less	increase tens boundary commutative partition regrouping partitioning bridging inverse ten more number bonds for 20 number bonds within 20 check difference between equals is the same as minus order exchanging partition ten less check	times table multiplication row column odd even commutative multiplication fact multiplication table repeated addition multiple of 2 multiple of 5 multiple of 10 multiply array row column inverse	quarter past quarter to metres /kilometres grams / kilograms, millilitres /litres temperature (degrees)	rotation clockwise, anticlockwise straight line ninety degree turn, right angle	size bigger, larger, smaller symmetrical, line of symmetry fold match mirror line, reflection pattern, repeating pattern	three quarters, one third, a third equivalence, equivalent	count, tally, sort vote graph, block graph, pictogram, represent group, set, list, table label, title most popular, most common, least popular, least common

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	inverse	divide, divided by, divided into left, left over repeated subtraction					
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Year 3

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position & Direction)	Geometry (Properties of Shape)	Fractions	Data/Statistics
numbers to one thousand	formal written methods column addition column subtraction	product multiples of four, eight, fifty and one hundred	twelve-hour clock twenty-four hour clock roman numerals i to xii	greater / less than ninety degrees orientation same orientation different orientation	horizontal vertical perpendicular lines parallel lines	numerator denominator unit fraction non unit fraction compare and order tenths	chart, bar chart, frequency table Carroll diagram Venn diagram axis axes diagram

Year 4

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position & Direction)	Geometry (Properties of Shape)	Fractions	Data/Statistics
tenths, hundredths decimal (places) round (to nearest) thousand more/less	decimal addition subtraction	multiplication facts (up to 12x12) division facts inverse derive quotient	convert analogue and digital 12- and 24- hour clocks convert from hours	coordinates translation left/right up/down quadrant x-axis, y-axis	quadrilaterals triangles right angle acute and obtuse angles degrees	families of common equivalent decimals and fractions numbers with up to	continuous data line graph

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than negative integers count through zero Roman numerals to 100 = C		divisor dividend	to minutes; minutes to seconds; years to months; weeks to days area of rectilinear shapes	perimeter and area	symmetric	2 decimal places (tenths, hundredths)	
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Year 5

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position & Direction)	Geometry (Properties of Shape)	Fractions	Data/Statistics
powers of 10 numbers to 1,000,000 Roman numerals to 1000 = M	efficient written methods	factor pairs composite numbers, prime number, prime factors, square number, cubed number formal written methods	volume imperial units (such as inches, pounds and pints) convert between different metric units (kilometre, metre; centimetre and metre; gram and kilogram; litre and millilitre)	reflex angle dimensions	regular and irregular polygons degrees whole turn = 360°	proper fractions, improper fractions, mixed numbers percentage half, quarter, fifth, two fifths, four fifths	relationship scale solution

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Year 6

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position & Direction)	Geometry (Properties of Shape)	Fractions	Data/Statistics
numbers to ten million	order of operations	order of operations common factors common multiples interpret remainders common factors common multiples prime numbers	four quadrants in relation to coordinates translate shapes	vertically opposite angles circumference radius diameter	degree of accuracy simplify simplest form same denomination place value in numbers given to 3 decimal places (tenths, hundredths, thousandths)	formulae linear number sequence substitute variables symbol known values	mean average pie chart construct