



Fairlawn Primary School

## Maths Vocabulary for the New National Curriculum

This document sets out Key Stage 1 (KS1) and Key Stage 2 (KS2) maths vocabulary under the new National Curriculum. The tables can be used to check pupils' understanding of new vocabulary introduced in years 1-6.

The lists are intended as a guide as to what pupils should know, and are not exhaustive. Of course, key terms may be introduced earlier as a challenge for our learners, although it is also important to ensure that learning is 'new' and carries an 'element of surprise'.

It is expected that key vocabulary is displayed on 'Maths Learning Walls' at appropriate times during the academic year, and is promoted through mathematical talk in lessons.



New maths vocabulary for year 1							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
Number	Number bonds, number line	Odd, even	Full, half full, empty	Position	Group, sort	Whole	Listen, join in
Zero, one, two, three to twenty, and beyond	Add, more, plus, make, sum, total, altogether	Count in twos, threes, fives	Holds	Over, under, underneath, above, below, top, bottom, side	Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square	Equal parts, four equal parts	Say, think, imagine, remember
None	Inverse	Count in tens (forwards from/backwards from)	Container	on, in, outside, inside	Shape	One half, two halves	Start from, start with, start at
Count (on/up/to/from/down)	Double, near double	How many times?	Weigh, weighs, balances	around, in front, behind	Flat, curved, straight, round	A quarter, two quarters	Look at, point to
Before, after	Half, halve	Lots of, groups of	Heavy, heavier, heaviest, light, lighter, lightest	Front, back	Hollow, solid		Put, place, fit
More, less, many, few, fewer, least, fewest, smallest, greater, lesser	Equals, is the same as (including equals sign)	Once, twice, three times, five times	Scales	Before, after	Corner (point, pointed)		Arrange, rearrange
Equal to, the same as	Difference between	Multiple of, times, multiply, multiply by	Time	Beside, next to, Opposite	Face, side, edge		Change, change over
Odd, even	How many more to make..?, how	Repeated addition	Days of the week: Monday, Tuesday, etc.	Apart	Make, build, draw		Split, separate
			Seasons: spring, summer, autumn, winter	Between, middle, edge, centre			Carry on, continue, repeat, what comes next?
			Day, week, month, year, weekend	Corner			Find, choose, collect, use, make, build
			Birthday, holiday				
			Morning, afternoon, evening,				



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Pair	many more is...than..?, how much more is..?	Array, row, column	night, midnight	Direction			Tell me, describe, pick out, talk about, explain, show me
Units, ones, tens		Double, halve	Bedtime, dinnertime, playtime	Journey			
Ten more/less	Subtract, take away, minus	Share, share equally	Today, yesterday, tomorrow	Left, right, up, down, forwards, backwards, sideways			Read, write, record, trace, copy, complete, finish, end
Digit		Group in pairs, threes, etc.	Before, after	Across			
Numeral	How many fewer is...than..?, how much less is..?	Equal groups of	Next, last	Close, far, near			Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow
Figure(s)		Divide, divided by, left, left over	Quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly	Along, through			
Compare			Old, older, oldest, new, newer, newest	To, from, towards, away from			Cost
(In) order/a different order			Takes longer, takes less time	Movement			Count, work out, answer, check same number(s)/different number(s)/missing number(s)
Size			Hour, o'clock, half past	Slide, roll, turn, whole turn, half turn			
Value			Clock, watch, hands	Stretch, bend			Number facts, number line, number track, number square, number cards
Between, halfway between			How long ago?, how long will it be to...?, how long will it take to...?, how often?				Abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board
Above, below			Always, never, often, sometimes, usually				
			Once, twice				
			First, second, third, etc.				
			Estimate, close to, about the				Same way, different



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			same as, just over, just under Too many, too few, not enough, enough Length, width, height, depth Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest Low, wide, narrow, deep, shallow, thick, thin Far, near, close Metre, ruler, metre stick Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as How much?, how many? Total				way, best way, another way In order, in a different order Not all, every, each
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New maths vocabulary for year 2						
Number and place value	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics	General/problem solving
Numbers to one hundred Hundreds Partition, recombine Hundred more/less	Quarter past/to m/km, g/kg, ml/l 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	Predict Describe the pattern, describe the rule Find, find all, find different Investigate



New maths vocabulary for year 3							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics
Numbers to one thousand	Column addition and subtraction	Product  Multiples of four, eight, fifty and one hundred  Scale up	Leap year  Twelve-hour/twenty-four-hour clock  Roman numerals I to XIII	Greater/less than ninety degrees  Orientation (same orientation, different orientation)	Horizontal, vertical, perpendicular and 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

New maths vocabulary for year 4						
Number and place value	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions and decimals	Data/statistics
Tenths, hundredths Decimal (places)  Round (to nearest)  Thousand more/less than  Negative integers  Count through zero  Roman numerals (I to C)	Multiplication facts (up to 12x12)  Division facts  Inverse  Derive	Convert	Coordinates  Translation  Quadrant  x-axis, y-axis  Perimeter and area	Quadrilaterals  Triangles  Right angle, acute and obtuse angles	Equivalent decimals and fractions	Continuous data  Line graph



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New maths vocabulary for year 5						
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions, decimals and percentages
Powers of 10	Efficient written method	Factor pairs  Composite numbers, prime number, prime factors, square number, cubed number  Formal written method	Volume  Imperial units, metric units	Reflex angle  Dimensions	Regular and irregular Polygons	Proper fractions, improper fractions, mixed numbers  Percentage  Half, quarter, fifth, two fifths, four fifths  Ratio, proportion

New maths vocabulary for year 6							
Number and place value	Addition and subtraction	Multiplication and division	Geometry (position and direction)	Geometry (properties of shape)	Fractions, decimals and percentages	Algebra	Data/statistics
Numbers to ten million	Order of operations	Order of operations  Common factors, common multiples	Four quadrants (for coordinates)	Vertically opposite (angles)  Circumference, radius, diameter	Degree of accuracy  Simplify	Linear number sequence  Substitute  Variables  Symbol  Known values	Mean  Pie chart  Construct