



Maths Vocabulary at Livingstone Road Primary Federation.

This document sets out Key Stage 1 (KS1) and Key Stage 2 (KS2) maths vocabulary under the 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.

Each table lists NEW vocabulary for the year group but please take into account vocabulary from previous year groups.

It is expected that key vocabulary as outlined in the calculation policy for your year group is displayed on 'Maths Learning Walls' at appropriate times during the academic year, and is promoted through mathematical talk in lessons. These tables are additional vocabulary you may need to use in your day to day teaching.

The calculation policy list of key vocabulary for each year group is intended to also support parents at home.

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,				

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	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)	is...than..?, how much less is..?	Divide, divided by, left, left over	Now, soon, early, late	Along, through			
Compare			Quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly	To, from, towards, away from			Cost
(In) order/a different order			Old, older, oldest, new, newer, newest	Movement			Count, work out, answer, check same
Size			Takes longer, takes less time	Slide, roll, turn, whole turn, half turn			number(s)/different number(s)/missing number(s)
Value			Hour, o'clock, half past	Stretch, bend			
Between, halfway between			Clock, watch, hands				Number facts, number line, number track, number square, number cards
Above, below			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
			Always, never, often, sometimes, usually				
			Once, twice				
			First, second, third, etc.				
			Estimate, close to, about the				Same way, different

Maths Vocabulary at Livingstone Road Primary Federation.

		<p>same as, just over, just under</p> <p>Too many, too few, not enough, enough</p> <p>Length, width, height, depth</p> <p>Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest</p> <p>Low, wide, narrow, deep, shallow, thick, thin</p> <p>Far, near, close</p> <p>Metre, ruler, metre stick</p> <p>Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as</p> <p>How much?, how many?</p> <p>Total</p>				<p>way, best way, another way</p> <p>In order, in a different order</p> <p>Not all, every, each</p>
--	--	--	--	--	--	---

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

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