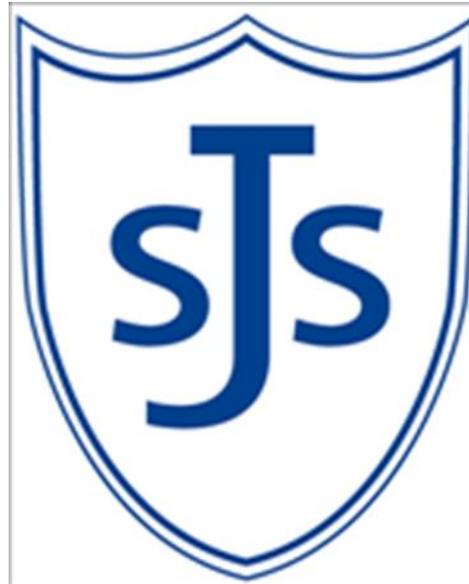


St John's Catholic Primary School



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 Zero, one, two, three to twenty, and beyond None Count (on/up/to/from/down) Before, after More, less, many, few, fewer, least, fewest, smallest, greater, lesser Equal to, the same as Odd, even	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 How many more to make..?, how	Odd, even Count in twos, threes, fives Count in tens (forwards from/backwards from) How many times? 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, winter Day, week, month, year, weekend Birthday, holiday Morning, afternoon, evening,	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, edge, centre Corner	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 Change, change over Split, separate Carry on, continue, repeat, what comes next? Find, choose, collect, use, make, build

Pair	many more is...than..?,	Array, row, column	night, midnight	Direction	Tell me, describe, pick
Units, ones, tens	how much more is..?	Double, halve	Bedtime, dinnertime,	Journey	out, talk about, explain,
Ten more/less	Subtract, take away,	Share, share equally	playtime	Left, right, up, down,	show me
Digit	minus	Group in pairs, threes,	Today, yesterday,	forwards, backwards,	Read, write, record,
Numeral	How many fewer	etc.	tomorrow	sideways	trace, copy, complete,
Figure(s)	is...than..?, how much	Equal groups of	Before, after	Across	finish, end
Compare	less is..?	Divide, divided by, left,	Next, last	Close, far, near	Fill in, shade, colour,
(In) order/a different		left over	Now, soon, early, late	Along, through	tick, cross, draw, draw
order			Quick, quicker,	To, from, towards,	a line between, join
Size			quickest, quickly , fast,	away from	(up), ring, arrow
Value			faster, fastest, slow,	Movement	Cost
Between, halfway			slower, slowest, slowly	Slide, roll, turn, whole	Count, work out,
between			Old, older, oldest, new,	turn, half turn	answer, check same
Above, below			newer, newest	Stretch, bend	number(s)/different
			Takes longer, takes		number(s)/missing
			less time		number(s)
			Hour, o'clock, half past		Number facts, number
			Clock, watch, hands		line, number track,
			How long ago?, how		number square,
			long will it be to...?,		number cards
			how long will it take		Abacus, counters,
			to...?, how often?		cubes, blocks, rods,
			Always, never, often,		die, dice, dominoes,
			sometimes, usually		pegs, peg board
			Once, twice		Same way, different
			First, second, third, etc.		way, best way, another
			Estimate, close to,		way
			about the		In order, in a different
			same as, just over, just		order
			under		Not all, every, each
			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

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