

St Stephen's C.E. Maths Vocabulary Progression



New maths vocabulary for year R							
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 number one, two, three ... to twenty and beyond  teens numbers, eleven, twelve ... twenty none how many ...?  count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens  is the same as more, less odd, even few  pattern ,pair  ones tens  digit the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest	add, more, and make, sum, total altogether double one more, two more ... ten more how many more to make ...? how many more is ... than ...? how much more is ...?  take away how many are left/left over? how many have gone? one less, two less, ten less ... how many fewer is ... than ...? how much less is ...?  difference between	Sharing doubling halving number patterns	measure size compare guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as just over, just under  <b>Length</b> metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, near, close  <b>Weight</b> weigh, weighs, balances heavy, light heavier than, lightest heaviest, lightest scales  <b>Capacity and volume</b>	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	shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller symmetrical pattern, repeating pattern match  <b>2-D shape</b> corner, side rectangle (including square) circle triangle  <b>3-D shape</b> face, edge, vertex, vertices cube pyramid sphere cone	parts of a whole half quarter	pattern puzzle what could we try next? how did you work it out? recognise describe draw compare sort

<p>one more, ten more one less, ten less</p> <p>compare order size</p> <p>first, second, third... twentieth last, last but one before, after next between</p>			<p>full empty half full holds container</p> <p><b>Time</b>  time days of the week, Monday, Tuesday ... 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</p> <p><b>Money</b>  money coin penny, pence, pound price, cost buy, sell spend, spent pay</p>				
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## 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 Container	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 Start from, start with, start at
None	Inverse	Count in tens (forwards from/backwards from)	Weigh, weighs, balances	on, in, outside, inside	Shape	One half, two halves	Look at, point to
Count (on/up/to/from/down)	Double, near double	How many times?	Heavy, heavier, heaviest, light, lighter, lightest	around, in front, behind	Flat, curved, straight, round	A quarter, two quarters	Put, place, fit Arrange, rearrange
Before, after	Half, halve	Lots of, groups of	Scales	Front, back	Hollow, solid		Change, change over
More, less, many, few, fewer, least, fewest, smallest, greater, lesser	Equals, is the same as (including equals sign)	Once, twice, three times, five times	Time Days of the week: Monday, Tuesday, etc. Seasons: spring, summer, autumn, winter	Before, after Beside, next to, Opposite	Corner (point, pointed) Face, side, edge		Split, separate Carry on, continue, repeat, what comes next?
Equal to, the same as	Difference between	Multiple of, times, multiply, multiply by	Day, week, month, year, weekend	Apart	Make, build, draw		Find, choose, collect, use, make, build
Odd, even	How many more to make..?, how	Repeated addition	Birthday, holiday Morning, afternoon, evening,	Between, middle, edge, centre Corner			

Pair	many more	Array, row,	night, midnight	Direction		Tell me, describe,
Units, ones, tens	is...than..?, how much more is..?	column	Bedtime, dinnertime, playtime	Journey		pick out, talk about, explain, show me
Ten more/less		Double, halve	Today, yesterday, tomorrow	Left, right, up, down, forwards, backwards, sideways		Read, write, record, trace, copy, complete, finish, end
Digit	Subtract, take away, minus	Share, share equally	Before, after	Across		
Numeral		Group in pairs, threes, etc.	Next, last	Close, far, near		Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow
Figure(s)	How many fewer	Equal groups of	Now, soon, early, late	Along, through		
Compare	is...than..?, how much less is..?	Divide, divided by, left, left over	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			Same way, different
			Once, twice			
			First, second, third, etc.			
			Estimate, close to, about the			

			<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>
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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



## 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