

# Waltham St Lawrence Maths Vocabulary for the New Maths 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 to what pupils should know, and are not exhaustive.

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 many more is...than..?, how much	Repeated addition	Days of the week: Monday, Tuesday, etc.	Apart	Make, build, draw		Split, separate
Pair		Array, row, column	Seasons: spring, summer, autumn, winter	Between, middle, edge, centre			Carry on, continue, repeat, what comes next?
Units, ones,			Day, week, month, year, weekend	Corner			Find, choose, collect, use, make, build
			Birthday, holiday	Direction			Tell me, describe, pick out, talk about, explain, show me
			Morning, afternoon, evening, night, midnight	Journey			Read, write, record, trace, copy, complete, finish, end
			Bedtime, dinnertime,				Fill in, shade, colour, tick, cross, draw, draw a line

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

			<p>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>				
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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	Quarter past/to	Rotation	Size	Three quarters, one third, a third	Count, tally, sort	Predict
Hundreds	m/km, g/kg, ml/l	Clockwise, anticlockwise	Bigger, larger, smaller	Equivalence, equivalent	Graph, block graph, pictogram,	Describe the pattern, describe the rule
Partition, recombine	Temperature (degrees)	Straight line	Symmetrical, line of symmetry		Represent	Find, find all, find different
Hundred more/less		Ninety degree turn, right angle	Fold		Group, set, list, table	Investigate
			Match		Label, title	
			Mirror line, reflection		Most popular, most common,	
			Pattern, repeating pattern		least popular, least common	

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, 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