Carlinghow Academy

Maths Vocabulary Expectations

EYFS – Year 6

Maths Vocabulary for the New National Curriculum

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 as well as vocabulary for EYFS. 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 in line with the current topic area being taught within the class and is promoted through mathematical talk in lessons.

New maths vocabulary for EYFS							
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 line	Odd, even	Full, half, empty	Over, under, underneath, above, below, top, bottom, side	Sort	Whole	Listen, join in
One, two, three to twenty and beyond.	Add, more, plus, make, sum, total, altogether	Double, halve	Holds		Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square	Equal	Say, think, imagine, remember
None	Double	Share, share equally	Container	On, in, outside, inside		One half	Start from
Count on/up/to/from/down	Half, halve	Group in pairs	Weigh, weighs, balance	In front, behind	Shape		Look at, point to
Before, after	Equals, is the same (including equals sign)	Equal groups of	Heavy, heavier, heaviest, light, lighter, lightest	Front, back	Flat, curved, straight, round Solid		Put
More, less, many, few, fewer, fewest, smaller, smallest		Divide	Scales	Before, after	Corner		What comes next?
	How many more to make…? How many more is,,, then,,,? How much more is…?		Time	Beside, next to	Face, side		Find, use, make, build
Equal to, the same as			Days of the week: Monday, Tuesday etc.	Middle	Make, build, draw		Tell me, describe, pick out, talk about, explain, show me
Odd, even	Subtract, take away, minus.		Seasons: Spring, Summer, Autumn, Winter	Up, down, forwards, backwards. Sideways			Read, write
Digit				Close, far			Tick, draw a line, ring
Numeral			Days, week, month, year, weekend	Through			Cost
Compare			Birthday, holiday	Towards, away from			Count, work out
Order			Morning, afternoon, evening, night	Side, roll, turn			Number line, number track, number square, number cards
Size			Bedtime,				
Value Between, halfway between							

			dinnertime, playtime Today, yesterday, tomorrow Before, after, next, last Quickest, fastest, slowest Clock Once First, second, third Estimate Too many, too few Length, height Longer, longest, shorter, shortest, taller, tallest, higher, highest Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change How much? How many? Total				Counters, cubes, blocks, die, dice, dominoes, pegs, peg board Same way, different way In order, in a different order

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.**
Greater, lesser Pair Units, ones, tens Ten more/less Figure (s) In order/ A different order Above, below	Number bonds Inverse Near doubles Difference between How many fewer is…than…? How much less is…?	Once, twice, three times. Five times. Count in tens (forwards from/ backwards from) How many times? Lots of, groups of Multiple of, times, multiply, multiply by Repeated addition Array, row, column Group in twos, threes, etc Divided by, left, left over	Midnight Now, soon, early, late Quick, quicker, quickly, fast, slow, slower Old, older, oldest, new, newer, newest Takes longer, takes less time Hour, o'clock, half past Watch, hands 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	Position Around Opposite Apart Between, edge, centre Corner Direction Journey Left, right Across Near Along To, from Movement Whole turn, half turn Stretch, bend	Group Hollow Point, pointed Edge	Equal parts, four equal parts Two halves A quarter, two quarters	Place, fit Arrange, rearrange Change, change over Split, separate Carry on, continue, repeat Choose, collect Record, trace, copy, complete, finish, end Fill in, shade, colour, cross, draw, draw a line between, join (up), arrow Answer, check, same number(s), different number(s), missing number(s) Number facts Abacus, rods Best way, another way

			Close to, about the same as, just over, just under Enough, not enough Width, depth Long, short, tall, high Low, wide, narrow, deep, shallow, thick, thin Far, near, close Metre, ruler, metre stick Costs more, costs less, dear(er), cheaper, costs the same as				Not all, every, each

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

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

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

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

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