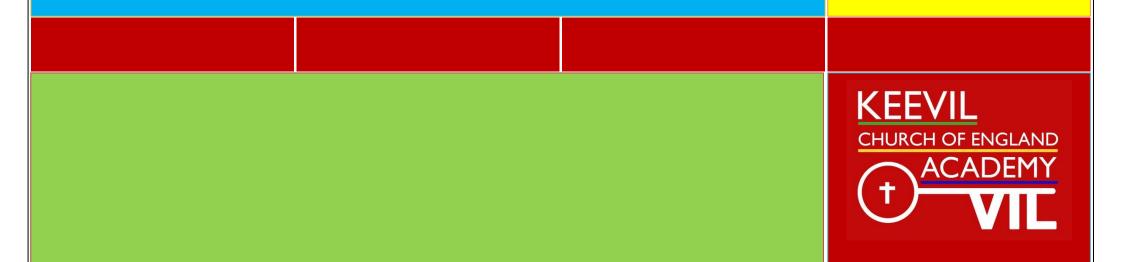Keevil Church of England Academy

Maths Vocabulary for the National Curriculum

Reception to Year 6

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Maths Vocabulary for the 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..?, 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			
Numeral	How many fewer is…than..?, how much less is..?	Equal groups of	Next, last	Across		Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow
Figure(s)		Divide, divided by, left, left over	Now, soon, early, late	Close, far, near		
Compare			Quick, quicker, quickest, quickly , fast, faster, fastest, slow, slower, slowest, slowly	Along, through		
(In) order/a different order			Old, older, oldest, new, newer, newest	To, from, towards, away from		Cost
Size			Takes longer, takes less time	Movement		Count, work out, answer, check same number(s)/different number(s)/missing number(s)
Value			Hour, o'clock, half past	Slide, roll, turn, whole turn, half turn		
Between, halfway between			Clock, watch, hands	Stretch, bend		
Above, below			How long ago?, how long will it be to…?, how long will it take to…?, how often?			Number facts, number line, number track, number square, number cards
			Always, never, often, sometimes, usually			Abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board
			Once, twice			
			First, second, third, etc.			
			Estimate, close to, about the			Same way, different

			same as, just over, just under 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			way, best way, another way In order, in a different order Not all, every, each

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