



This document sets out maths vocabulary for EYFS, Key Stage 1 and Key Stage 2 under the new National Curriculum. The tables can be used to check pupil's understanding of new vocabulary that is introduced. The lists are intended to be a guide as to what pupils should know and are not exhaustive. Key vocabulary could be displayed on Maths Working Walls at appropriate times during the academic year and in line with the current maths topic being taught within the class and is promoted through mathematical talk in lessons. It is expected that pupils hear adults using the correct mathematical vocabulary during lessons as well as the children themselves using the maths vocabulary which is encouraged by speaking/answering in full sentences.

New vocabulary for EYFS							
Number and Place Value	Addition and subtraction	Multiplication and Division	Measure	Geometry (position and direction)	Geometry (property of shape)	Fractions	General/Problem Solving
Number  zero, one, two, three to twenty and beyond teen numbers none  count on/up/to from/down count on in ones, twos, fives, tens  before/after  more, less, many, few, fewer, fewest, smaller, smallest  equal to, same as  odd, even  digit, numeral  compare  order  size	add, more, plus, make, sum, altogether, total  double  half, halve  equals, is the same as  one more, two more..  how many more to make? how many more is... than...? how much more is ..?  subtract, minus, take away how many are left / left over? how many are gone?  one less, two less...  how much less is..?  difference between	odd even  double, halve  share, share equally  groups of  equal groups of  divide  lots of  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 full, half, empty  <b>Length</b> long, short, tall thick, thin wide, narrow long, longer, longest short, shorter, shortest high low metre  <b>Weight</b> weigh, weight, balance heavy, heavier, heaviest, light, lighter, lightest scales  <b>Capacity</b> full / empty	over, under, underneath, above, below, top, bottom side, around,  on, in, outside, inside in front / behind front, back before, after beside, next to middle, edge  up, down, backwards, forwards, sideways left/right  close, far  through  towards, away from  side, roll, turn	sort shape pattern repeating pattern symmetrical match size face / side flat curved round straight hollow solid make, build, draw  2D shape corner side rectangle (including square) circle triangle  3D shape cube cuboid sphere cone pyramid cylinder	parts of a whole  half  quarter	listen to / join in  say, think, remember  start from  look at, point to  put  what comes next?  Find, use, make, build  tell me, describe, pick out, talk about, point to, show me, explain  read, write  tick, draw a line, ring around  number line number square number cards number track  counters, cubes, blocks, dice,

value			half full container holds		face. edge, vertex, vertices	numicon, pegs, dominoes, peg boards
between, halfway between			<b>Time</b> time days of the week seasons birthday, holiday morning, afternoon, evening, night bedtime, dinnertime, playtime today, yesterday, tomorrow before, after, next, last quickest, slowest, fastest clock once			same/different
first, second, third			first, second, third			in order / no in order
estimating guess			length, height			
how many? estimate nearly close to about the same as just over / under too many / few enough / not enough			long, longest, short, shorter, shortest, tall, taller, tallest, high, higher, highest			
			<b>Money</b> money, coin, penny, piece, pound, price, cost, buy, sell, spend, spent, pay, change how much? how many? total			

**New vocabulary for Year 1**

Number and Place Value	Addition and subtraction	Multiplication and Division	Measure	Geometry (position and direction)	Geometry (property of shape)	Fractions	General/Problem Solving
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<p><b>Number</b> numbers to 100 from 21 onwards</p> <p>numeral/figure</p> <p>ones / tens</p> <p>forwards/backwards equal to equivalent to most/least more/less than many multiple of</p> <p>in order/ different order</p> <p><b>Place Value</b> equal to half way between above / below most/least greater/lesser/fewer</p> <p>pair</p>	<p>number bonds/ facts/ pairs</p> <p>inverse</p> <p>double near double</p> <p>half/halves</p> <p>difference equals is the same as between missing number</p> <p>how many fewer is... than ..? How much less is..?</p> <p>addition subtraction subtract</p>	<p>multiplication multiply multiplied by multiple times groups of/lots of array row / column repeated addition division dividing divided by left over grouping</p> <p>count in tens (forwards from.. backwards from..)</p>	<p>measurement roughly</p> <p><b>Length/height</b> centimetre metre metre stick ruler long, short, tall, high longer/shorter low, wide, narrow, deep, shallow, thick, thin far, near, close width, depth double/half</p> <p><b>Weight</b> kilogram half kilogram heavy/light heavier/lighter than</p> <p><b>Capacity</b> full/empty half full quarter full litre/ half litre capacity volume more/less than quarter full</p>	<p>position around opposite near far movement underneath centre journey direction</p> <p>whole turn quarter turn three-quarter turn left/right</p>	<p>symmetry symmetrical pattern</p> <p><b>2D shape</b> point pointed edge</p> <p><b>3D shape</b> cuboid cylinder</p> <p>hollow</p>	<p>fraction equal parts equal grouping equal sharing</p> <p>one of two equal parts one of four equal parts two halves quarter</p>	<p>quantity mental mentally explain problem solving pictorial representation</p> <p>arrange/re-arrange</p> <p>place, put, fit</p> <p>split, separate</p> <p>continue, repeat</p> <p>fill in, shade, colour, cross, draw, join up, arrow</p> <p>answer, check, same number, different number, missing number</p> <p>abacus best way, another way not all every each</p>
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			<p>enough/not enough close to, about the same as, just over/ under</p> <p><b>Time</b> months of the year seasons weekend, month, year earlier/later before/after first, today, yesterday, tomorrow, morning, afternoon, evening midnight, date now, soon, early, late quick, quickest, quicker, quickly, slow, slower old, older, oldest, new, newer, newest How long ago? how long will it be to...? how long will it take to...? how often? takes longer, takes less time always, never, sometimes, often, usually once, twice first, second, third hour, o'clock half past hour hand minute hand hours minutes seconds clock, watch first,</p> <p><b>Money</b> change costs more/less dear(er)/cheap(er) costs the same as... how much? how many? total</p>			
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**New Vocabulary for Year 2**

Number and Place Value	Addition, subtraction, multiplication and Division	Measure	Geometry (position and direction)	Geometry (property of shape)	Fractions	Statistics	General/Problem Solving
<p>two-digit number</p> <p>count on in twos, threes, fives, and so on from 0</p> <p>tally</p> <p>sequence continue</p> <p>predict</p> <p>rule</p> <p>compare /order</p> <p>&gt; greater than</p> <p>&lt; less than</p> <p>= same as (equals) Place Value</p> <p>hundreds</p> <p>one/two/three-digit number</p> <p>place value represents</p> <p>exchange/re-group</p> <p>twenty-first...</p>	<p><b>Addition/subtraction</b> addition and subtraction facts</p> <p>one hundred more/less</p> <p>commutative (+) (can be done in any order)</p> <p>inverse relationship</p> <p><b>Multiplication / Division</b> commutative (X) (can be done in any order)</p>	<p>tape measure</p> <p>unit of measure</p> <p><b>Length/height</b> metre/centimetre m/cm</p> <p><b>Weight</b> kilogram/gram kg/g</p> <p><b>Capacity</b> litre/ millilitre (ml) contains</p> <p><b>Temperature</b> temperature degrees time in five minutes 5, 10, 20 minutes past</p> <p><b>Time</b> quarter past/to fortnight digital/analogue</p>	<p>clockwise, anticlockwise</p> <p>straight line</p> <p>ninety-degree turn</p> <p>right angle</p> <p>rotation</p> <p>route</p>	<p>surface line</p> <p>symmetry</p> <p>symmetrical</p> <p>mirror-line</p> <p>reflection</p> <p>fold</p> <p>match</p> <p>vertices</p>	<p>equivalence</p> <p>equivalent</p> <p>third quarter</p>	<p>count, tally, sort</p> <p>pictogram, tally chart, block diagram, tables</p> <p>represent</p> <p>label, title</p> <p>most/least popular</p> <p>most/least common</p>	<p>predict</p> <p>find</p> <p>investigate</p> <p>describe the pattern</p> <p>describe the rule</p> <p>explain your method</p> <p>mental calculation</p> <p>written calculation</p>

New maths vocabulary for Year 3

Number and Place Value	Addition, subtraction, multiplication and Division	Measure	Geometry (position and direction)	Geometry (property of shape)	Fractions	Statistics	General/Problem Solving
<p><b>Number</b> three-digit number Numbers to one thousand order, compare</p> <p>Place Value count on in fours, eights, fifties and hundreds</p> <p>find 10/100 more /less</p> <p>relationship Roman Numerals I to XII</p> <p><b>Place Value</b> one hundred more/less</p>	<p>column addition column subtraction</p> <p>product</p> <p>multiples of 4, 8, 50 and 100</p> <p>scale up</p>	<p>approximately</p> <p><b>length/height</b> millimetre (mm) perimeter</p> <p><b>Time</b> 12 hour / 24 hour clock Roman Numerals I to XII on clocks nearest minute a.m. / p.m. century</p> <p><b>Temperature</b> centigrade</p> <p><b>Money</b> pounds £ / pence p</p>	<p>orientation same orientation different orientation</p> <p>greater/less than a right angle</p> <p>NSEW</p> <p>horizontal vertical diagonal</p>	<p>horizontal lines vertical lines perpendicular lines parallel lines</p> <p>prism</p>	<p>numerator denominator</p> <p>unit fraction non-unit fraction</p> <p>compare/order</p> <p>tenths</p> <p>equivalent fractions</p> <p>sixths, sevenths, eighths, tenths</p>	<p>bar chart carroll diagram venn diagram frequency table</p>	<p>greatest value</p> <p>least value</p>

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New Maths vocabulary for Year 4							
Number and Place Value	Addition, subtraction, multiplication and Division	Measure	Geometry (position and direction)	Geometry (property of shape)	Fractions	Statistics	General/Problem Solving

count in multiples of 6,7,9,25 and 1000	inverse	convert	co-ordinates quadrant axis x-axis y-axis 2D grid	quadrilaterals Triangles	hundredths	discrete data	justify
1000 more/less than a given number	division facts	Time leap year millennium date of birth		acute/obtuse angles	decimal	continuous data	
negative numbers count through zero positive number negative number above/below zero	one-step / two-step problems		translation	polygon	decimal equivalent		
four-digit number			area	rectilinear	round decimals to the nearest whole number	line graphs time graphs	
ten thousand					value of decimal digits		
identify, represent and estimate numbers					equivalent fractions and decimals		
round to the nearest							
Roman Numerals to 100 I to C							
next/consecutive number							
integer							



New Maths vocabulary for Year 5

Number and Place Value	Addition, subtraction, multiplication and Division	Measure	Geometry (position and direction)	Geometry (property of shape)	Fractions, Decimals and Percentages	Statistics	General/Problem Solving
million  powers of 10  Roman Numerals to 1000 (M)  multiples of 10/25  five/six-digit number  hundred thousand	factor pair common factors  composite number prime number square number cubed number  ascending order descending order	volume  imperial units metric units  pint gallon mile pound/ounce stones  square metre (m <sup>2</sup> ) square centimetre (cm <sup>2</sup> )  discount, currency decimal notation	reflex angle  dimension  mass	radius  diameter  irregular shapes	improper fractions proper fractions mixed numbers  percent (%) percent – number of parts per hundred  three decimal places	timetables	justify

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New Maths vocabulary for Year 6

Number and Place Value	Addition, subtraction, multiplication and Division	Measure	Geometry (position and direction)	Geometry (property of shape)	Fractions, decimals and percentages	Statistics	Algebra
numbers to ten million	order or operations	decimal notation	full co-ordinate grid	nets	common multiples	pie charts	algebra
degree of accuracy		profit, loss	four quadrants	circles-radius, diameter, circumference	simplest form	construct	equation
calculate intervals across zero			co-ordinate plane	diameter is twice the radius	simplify fractions	mean as an average	linear number sequence
factorise				angles meeting at a point	decimal fraction equivalent		simple formulae
				angles on a straight line			algebraic expressions
				vertically opposite angles			unknown variables
				missing angles			substitute symbol
							enumerate possibilities