Maths Vocabulary linked to the National curriculum

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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  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  Pair  Units, ones, tens  Ten more/less  Digit  Numeral  Figure(s)  Compare  (In) order/a different order  Size  Value  Between, halfway between  Above, below | 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 many more is…than..? How much more is..?  Subtract, take away, minus  How many fewer is…than..? How much less is..? | 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  Array, row, column  Double, halve  Share, share equally  Group in pairs, threes, etc.  Equal groups of  Divide, divided by, left, left over | 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, night, midnight  Bedtime, dinnertime, playtime  Today, yesterday, tomorrow  Before, after  Next, last  Now, soon, early, late  Quick, quicker, quickest, quickly , fast, faster, fastest, slow, slower, slowest, slowly  Old, older, oldest, new, newer, newest  Takes longer, takes less time  Hour, o'clock, half past  Clock, 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.  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, 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 | 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  Direction  Journey  Left, right, up, down, forwards, backwards, sideways  Across  Close, far, near  Along, through  To, from, towards, away from  Movement  Slide, roll, turn, whole turn, half turn  Stretch, bend | 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  Tell me, describe, pick out, talk about, explain, show me  Read, write, record, trace, copy, complete, finish, end  Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow  Cost  Count, work out, answer, check same number(s)/different number(s)/missing number(s)  Number facts, number line, number track, number square, number cards  Abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board  Same way, different way, best way, another way  In order, in a different order  Not all, every, each |

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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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |