# New mathematical vocabulary for Year 1

| Number and place value | Addition and subtraction | Multiplication and division | Fractions | Measure (weight, length, capacity and money) | Measure (time) | Measure (time continued) | Geometry (properties of shape) | Geometry (position and direction) |
|---|---|---|---|---|---|---|---|---|
| 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 Equals, Is the same as, is the same value as, 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 | Whole Equal parts, four equal parts One half, two halves A quarter Two quarters | Full, half full, empty, Holds Container Weigh, weighs, balances Heavy, heavier, heaviest, light, lighter, lightest, Scales 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 How much?, how many? Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear, costs more, costs less, cheaper, costs the same as total | Time Days of the week (Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday) Seasons (Autumn, Spring, Summer, 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 | Corner (point, pointed) Face, side, edge Make, build, draw | 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 |

# New mathematical vocabulary for Year 2

| Number and place value | Addition and subtraction | Multiplication and division | Fractions | Measure (weight, length, capacity and money) | Measure (time) | Statistics | Geometry (properties of shape) | Geometry (position and direction) |
|---|---|---|---|---|---|---|---|---|
| Numbers to hundred Hundreds Partition, recombine Hundred more/ less | | | Three quarters, one third, a third Equivalence, equivalent | Quarter past/ to m/km, g/kg, ml/l temperature (degrees) | | Count, tally, sort Vote Graph, block graph, pictogram Represent Group, set, list, table Label, title Most popular, most common, least popular, least common | Size Bigger, larger, smaller Symmetrical, line of symmetry Fold Match Mirror line, reflection Pattern, repeating pattern | Rotation Clockwise, anticlockwise Straight line Ninety-degree turn, right angle |

# New mathematical vocabulary for Year 3

| Number and place value | Addition and subtraction | Multiplication and division | Fractions | Measure (weight, length, capacity and money) | Measure (time) | Statistics | Geometry (properties of shape) | Geometry (position and direction) |
|---|---|---|---|---|---|---|---|---|
| Numbers to one thousand | Column addition Column subtraction | Product Multiples of four, eight, fifty and one hundred Scale up | Numerator, denominator Unit fraction, non-unit fraction Compare and order Tenths | | Leap year Twelve-hour/ twenty-four-hour clock Roman numerals I to XIII | Chart, bar chart, frequency table Carroll diagram, Venn diagram Axis, axes, diagram | Horizontal, perpendicular and parallel lines | Greater/ less than ninety degrees Orientation (same orientation, different orientation) |

# New mathematical vocabulary for Year 4

| Number and place value | Addition and subtraction | Multiplication and division | Fractions | Measure (weight, length, capacity and money) | Measure (time) | Statistics | Geometry (properties of shape) | Geometry (position and direction) |
|---|---|---|---|---|---|---|---|---|
| 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 | Equivalent Decimals and fractions | Convert | | Continuous data Line graph | Quadrilaterals Triangles Right angle, acute and obtuse angles | Coordinates Translation Quadrant x-axis, y-axis Perimeter and area |

# New mathematical vocabulary for Year 5

| Number and place value | Addition and subtraction | Multiplication and division | Fractions | Measure (weight, length, capacity and money) | Measure (time) | Statistics | Geometry (properties of shape) | Geometry (position and direction) |
|---|---|---|---|---|---|---|---|---|
| Powers of 10 , thousandths, ten thousand, hundred thousand, million | Efficient written method | Factor pairs Composite numbers, prime number, prime factors, square number, cubed number Formal written method | Proper fractions, improper fractions, mixed numbers Percentage Half, quarter, fifth, two fifths, four fifths Ratio, proportion | Volume Imperial units, metric units | | | Regular and irregular polygons | Reflex angle Dimensions |

# New mathematical vocabulary for Year 6

| Number and place value | Addition and subtraction | Multiplication and division | Fractions | Measure (weight, length, capacity time and money) | Algebra | Statistics | Geometry (properties of shape) | Geometry (position and direction) |
|---|---|---|---|---|---|---|---|---|
| Numbers to ten million | Order of operations | Order of operations Common factors, common multiples | Degree of accuracy Simplify | | Linear number, Sequence, Substitute, Variables Symbol, Known values | Mean Pie chart Construct | Vertically opposite (angles) Circumference, radius, diameter | Four quadrants (for coordinates) |