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 |
| NumberZero, one, two, three to twenty, and beyond NoneCount (on/up/to/from/down)Before, after More, less, many, few, fewer, least, fewest, smallest, greater, lesserEqual to, the same asOdd, evenPairUnits, ones, tensTen more/lessDigitNumeralFigure(s)Compare(In) order/a different orderSizeValueBetween, halfway between Above, below | Number bonds, number lineAdd, more, plus, make, sum, total, altogetherInverseDouble, near doubleHalf, halveEquals, is the same as (including equals sign)Difference betweenHow many more to make..? How many more is…than..? How much more is..? Subtract, take away, minusHow many fewer is…than..? How much less is..? | Odd, evenCount in twos, threes, fivesCount in tens (forwards from/backwards from)How many times?Lots of, groups ofOnce, twice, three times, five times Multiple of, times, multiply, multiply by Repeated additionArray, row, columnDouble, halveShare, share equallyGroup in pairs, threes, etc.Equal groups of Divide, divided by, left, left over | Full, half full, emptyHolds ContainerWeigh, weighs, balancesHeavy, heavier, heaviest, light, lighter, lightest ScalesTimeDays of the week: Monday, Tuesday, etc.Seasons: spring, summer, autumn, winter Day, week, month, year, weekendBirthday, holidayMorning, afternoon, evening, night, midnightBedtime, dinnertime, playtimeToday, 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, handsHow long ago? How long will it be to…? How long will it take to…? How often? Always, never, often, sometimes, usually Once, twiceFirst, second, third, etc.Estimate, close to, about the same as, just over, just under Too many, too few, not enough, enough Length, width, height, depthLong, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest Low, wide, narrow, deep, shallow, thick, thin Far, near, close Metre, ruler, metre stickMoney, 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 | PositionOver, under, underneath, above, below, top, bottom, sideon, in, outside, insidearound, in front, behindFront, backBefore, afterBeside, next to, OppositeApartBetween, middle, edge, centreCornerDirectionJourneyLeft, right, up, down, forwards, backwards, sidewaysAcrossClose, far, nearAlong, throughTo, from, towards, away fromMovementSlide, roll, turn, whole turn, half turnStretch, bend | Group, sortCube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, squareShapeFlat, curved, straight, roundHollow, solidCorner (point, pointed)Face, side, edge Make, build, draw | WholeEqual parts, four equal partsOne half, two halvesA quarter, two quarters | Listen, join inSay, think, imagine, remember Start from, start with, start at Look at, point to Put, place, fitArrange, rearrangeChange, change overSplit, 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, endFill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrowCostCount, work out, answer, check same number(s)/different number(s)/missing number(s)Number facts, number line, number track, number square, number cardsAbacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg boardSame way, different way, best way, another wayIn order, in a different orderNot 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 HundredsPartition, recombineHundred more/less | Quarter past/to m/km, g/kg, ml/lTemperature (degrees) | RotationClockwise, anticlockwiseStraight lineNinety degree turn, right angle | SizeBigger, larger, smallerSymmetrical, line of symmetryFoldMatchMirror line, reflectionPattern, repeating pattern | Three quarters, one third, a thirdEquivalence, equivalent | Count, tally, sortVoteGraph, block graph, pictogram,RepresentGroup, set, list, tableLabel, titleMost popular, most common, least popular, least common | PredictDescribe the pattern, describe the ruleFind, find all, find differentInvestigate |

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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 | ProductMultiples of four, eight, fifty and one hundred Scale up | Leap year Twelve-hour/twenty-four- hour clockRoman 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 fractionCompare and order Tenths | Chart, bar chart, frequency table, Carroll diagram, Venn diagramAxis, axesDiagram |

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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 thanNegative integersCount through zeroRoman numerals (I to C) | Multiplication facts (up to 12x12)Division factsInverseDerive |  Convert | CoordinatesTranslationQuadrantX-axisY-axisPerimeter and area | Quadrilaterals TrianglesRight angle, acute and obtuse angles | Equivalent decimals and fractions | Continuous dataLine 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 pairsComposite numbers, prime number, prime factors, square number, cubed numberFormal written method | VolumeImperial units, metric units | Reflex angle Dimensions | Regular and irregular Polygons  | Proper fractions, improper fractions, mixed numbersPercentageHalf, quarter, fifth, two fifths, four fifthsRatio, 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 accuracySimplify | Linear number sequenceSubstitute VariablesSymbolKnown values | MeanPie chartConstruct |