

The Gateway Primary Academy

Overview of Mathematical Vocabulary



		Year Group						
		EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Area of Maths	Number	zero number one, two, three ... to twenty and beyond teens numbers, eleven, twelve ... twenty nine how many ...? count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens is the same as more, less odd, even few pattern pair	Numeral, twenty-one, twenty-two...one hundred, forward, backwards, equal to, equivalent to, most, least, many, multiple of	Two hundred... Count in threes, fours, tally, sequence, continue, predict, rule, >greater than, < less than,	Count in: eights, fifties to hundreds, factor of, relationship, Roman numerals,	Ten thousand, hundred thousand, million, Count in: sixes, sevens, nines, twenty-fives, next, consecutive, integer, positive, negative, above/below zero, minus, negative number,	Factor pair, greater than or equal to, less than or equal to, formula, divisibility, square number, prime number, ascending/descending order	Factorise, prime factor, digit total,
	Place value	ones tens digit the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more one less, ten less compare order size first, second, third... twentieth last, last but one before, after next between	Equal to, half-way between, above, below	Hundreds, one-, two- or three digit number, Place, place value, stands for, represents, exchange, twenty first, twenty-second,	One hundred more, one hundred less,	One thousand more/less,		
	Estimating	guess how many ...? estimate nearly close to about the same as just over, just under too many, too few enough, not enough	Roughly	Exact, exactly,	Approximate, approximately, round, nearest, round to the nearest ten, hundred, Round up, round down,	Nearest thousand,	Nearest ten thousand,	

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	Addition and subtraction	add, more, and make, sum, total altogether double one more, two more ... ten more how many more to make ...? how many more is ... than ...? how much more is ...? take away how many are left/left over? how many have gone? one less, two less, ten less ... how many fewer is ... than ...? how much less is ...? difference between	Addition, near double, half, halve, subtract, equals, is the same as, number bonds/pairs, missing number	One hundred more, One hundred less, Number facts, Ten boundary	Hundreds boundary,	Inverse,	Ones boundary, tenths boundary,	
	Multiplication and division	sharing doubling halving number patterns	Multiplication, multiply, multiplied by, multiple, division, dividing, grouping, array	Groups of, times, once, twice, three times...ten times, repeated addition, divide, divided by, divided into, share, share equally, left, left over, one each, two each, three each...ten each, group in pairs, three...tens, equal groups of, row, column, multiplication table, multiplication fact, division fact	Factor, product, remainder,	Inverse, square, squared, cube, cubed,		

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	Fractions	parts of a whole half quarter	Fraction, equal part, equal grouping, equal sharing, one of two equal parts, one of four equal parts	Equivalent fraction, mixed number, numerator, denominator, two halves, two quarters, three quarter, one third, two thirds, one of three equal parts,	Sixths, sevenths, eights, tenths	Hundredths, Decimal, decimal fraction, decimal point, decimal place, decimal equivalent, Proportion	Proper/improper fraction, equivalent, reduced to, cancel, thousandths, In every, for every percentage, per cent %	Ratio,
	Algebra						Formula	Formulae, equation, unknown, variable
	Measuremen	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	Measurement, roughly,	Measuring scale,	Division, approximately,	Unit, standard unit, metric unit	Imperial unit,	
	Length	metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, near, close	Centimetre, ruler, metre stick	Further, furthest, tape measure,	Millimetre, kilometre, mile, distance apart, between, to, from, perimeter,	Breadth, edge, area, covers, Square centimetre (cm ²)	Square metre, square millimetre, Yard, foot, feet, inch, inches,	Circumferenc e
	Weight	weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales	Kilogram, half kilogram,	Gram,		Mass: big, bigger, small, smaller, Weight: heavy/light, heavier/lighter, heaviest/lightest		Tonne, pound, ounce,

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	Temperature			Temperature, degree	Centigrade			
	Capacity & volume	full empty half full holds container	Half litre, litre, volume, capacity, more than, less than, quarter full,	Contains	Millilitre,	Measuring cylinder	Pint, gallon,	Centilitre, cubic centimetres, cubic metres, cubic millimetres, cubic kilometres,

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	Time	time days of the week, Monday, Tuesday ... day, week birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock clock, watch, hands	Months of the year (January, February...) Seasons: Spring, Summer, Autumn, Winter, Weekend, month, year, earlier, later, first, midnight, date, How long ago? How long will it be to...? How long will it take to..? How often? Always, never, often, sometimes, usually, once, twice, Half past, quarter past, quarter to, clock face, hour hand, minute hand, hours, minutes	Fortnight, 5..., 10..., 15...minutes past, digital/analogue, clock/watch, time, seconds	Century, calendar, date, earliest, latest, am, pm, Roman numerals, 12hour clock time, 24 hour clock time,	Leap year, millennium, noon, date of birth, Timetable, arrive, depart,	Greenwich Mean Time, British Summer Time, International Date Line,	
	Money	money coin penny, pence, pound price, cost buy, sell spend, spent pay	Change, dear, costs more, cheap, costs less, cheaper, costs the same as, how much....?, how many....? Total	Bought, sold			Discount, currency	Profit, loss

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Shape	shape, pattern flat curved, straight round hollow, solid sort make, build, draw size	Symmetry, symmetrical,	Surface, line of symmetry,	Perimeter, symmetrical pattern	Line, construct, sketch, centre, angle, right-angled base, square based, reflect, reflection, regular/irregular	Radius, diameter, congruent, axis of symmetry, reflective symmetry,	Circumference, concentric, arc, net, open, closed, intersecting, intersection, plane
2D shape	Corner, side, rectangle (including square), circle, triangle,	Point, pointed	Rectangular, circular, triangular, pentagon, hexagon, octagon,	Pentagonal, hexagonal, octagonal, quadrilateral, right angled, parallel, perpendicular,	2D, two-dimensional, oblong, rectilinear, equilateral triangle, isosceles triangle, scalene triangle, heptagon, parallelogram, rhombus, trapezium, polygon,	x-axis, y-axis, quadrant,	Kite,
3D shape	Face, edge, vertex, vertices, Cube, pyramid, sphere, cone	Cuboid, cylinder		Hemisphere, prism, triangular prism,	3D, three-dimensional, spherical, cylindrical, tetrahedron, polyhedron,	Octahedron	Dodecahedron, net, open, closed

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	Position & direction	Position, over, under, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, beside, next to, opposite, apart between, middle, edge, corner, direction, left, right, up, down, backwards, forwards, sideways, across, next to, close, near, far, along, through, to, from, towards, away from, movement, slide, roll, turn, stretch, bend, whole turn, half turn	Underneath, centre, journey, quarter turn, three-quarter turn,	Route, higher, lower, clockwise, anti-clockwise, right angle, straight line,	Compass point, North, South, East, West, N, S, E, W, horizontal, vertical, diagonal, Angle...is a greater/smaller angle than, acute angle, obtuse angle,	North-east, north-west, south-east, south-west, NE, NW, SE, SW, Translate, translation, rotate, rotation, degree, reflection, ruler, set square, angle measurer, compass	Co-ordinate, protractor,	Reflex angle,
	Statistics	Count, sort, group, set, list	Vote, table,	Tally, graph, block graph, pictogram, represent, label, title, most popular, most common, least popular, least common	Chart, bar chart, frequency table, carroll diagram, Venn diagram, axis, axes, diagram,	Survey, questionnaire, data,	Database, bar, line chart, line graph, Maximum/minimum value, outcome	Pie chart, mean (mode, median, range as estimates for this) statistics, distribution
	General	Pattern, puzzle, what could we try next? How did you work it out? Recognise, describe, draw, compare, sort	Problem, problem solving, mental, mentally, explain your thinking	Show how you... Explain your method Describe the pattern, describe the rule, investigate, mental calculation, written calculation	Greatest value, lowest value, statement	Justify, make a statement	Explain your reasoning	