



Maths Vocabulary Progression

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number Place Value	one more, one less, more, fewer, altogether, group, number sentence, take away, add, number bond, part-whole	group, part whole, plus, whole, part, number sentence, altogether, in total, add, count on, missing part, take away, subtract, count backwards, difference, in total, addition, subtraction, number bond, partwhole, fact family, tens, ones	fact family, number sentence, number bond, column, 10 more, 10 less, bar model, represent, exchange, difference, subtract, tens, ones, total	addition, subtraction, mental method, column method, exchange, estimate, approximate, multiple, digit	addition, total, more than, subtraction, less than, column method, estimate, how much, strategy, efficient, accurate, exact, diagram, fact	add, subtract, ones, tens, hundreds, thousands, ten thousands, mentally, inverse, round, estimate, distance chart	column addition, column subtraction, order of operations, brackets, inverse operation

Number Multiplication and Division	sharing, grouping, doubling, halving	equal groups, array, row, column, double, twice, share, sharing, grouping, multiply	equal groups, share, group, multiply, multiplication, times-table, times, divide, division, odd, even	equal, multiply, divide, times-table, sharing, grouping, array, bar model, remainder, repeated addition, multiplication sentence, division statement, division fact, compare, more than, less than, greater than, equals, equally, least, most, share, partition, multi-step	multiply, divide, multiplication facts, division facts, lots of, groups of, timestable, array, partition, bar model, part-whole model, remainder, factor, factor pair, commutative.	prime number, composition number, square number, cube number, inverse operation, factor prime factor, multiply, divide, multiple, place value, partition, equal, remainder, total,	column multiplication, short division, long division, remainder, factor, common factor, common multiple, prime, composite, squared, cubed, multiple, estimate, long division, order of operations
Number Fractions	half, quarter, parts of a whole,	Fraction, half, halves, quarter, parts of a whole, equal parts	Fraction, half, halves, quarter, parts of a whole, equal parts, whole, third, numerator, denominator, fraction bar, nonunit fraction, unit fraction, equal, three quarters.	Equal parts, whole, unit fraction, equation, integer, non-unit fraction, numerator, denominator, represent, share, group, mixed number, whole number, divide, set of objects, multiply, tenth, interval, equivalent, equivalent	Tenths, hundredths, simplify, equivalent, numerator, denominator, fraction, mixed number, add, subtract, fractions of an amount, improper fraction, simplest fraction.	Equivalent, numerator, denominator, whole, fraction, simplify, expand, division, improper, mixed number, convert, sequence, order, greater than, less than, equal to, proper fraction, improper fraction, efficient, common	Numerator, denominator, common denominator, common factor, equivalent, simplify, simplest form, factor, whole number, mixed number, highest common factor, lowest common multiple, compare, order, ascending,

				fraction, compare, add, subtract, fraction, whole, greater than, less than, equal to, divide, difference, inequality statement		denominator, equal parts, divide, multiply, fractions of an amount, operator	descending, proper fraction, improper fraction, mixed number, convert, lowest common denominator
					Tens, ones, decimal point, tenths, hundredths, greater than, equivalent, less than, decimal, 0.1, 0.01, whole number, equal order, compare, convert, decimal place, ascending, descending	Decimal, decimal place, tenth, hundredths, thousandths, decimal point, place value, digit, fraction, add, subtract, multiply, divide, whole, column, exchange, per cent, percentages.	Per cent, percentages, part, whole, decimal, fraction, divide, share, multiply, convert, compare, order, equivalent fraction, simplify, less than, more than
							Multiply, divide, decimal, decimal place, recurring decimal, placeholder, place value, tenth, hundredth, thousandth, product, fraction
Measure ment	long, longer, short, tall, tallest, tallest,	long, longer, longest, short, shorter, shortest, tall, taller,	length, centimetre, metre, longer, shorter, metre stick,	length, height, width, perimeter, distance, centimetre, millimetre, metre,	ength, width, perimeter, distance, rectangle, square, centimetre,	perimeter, distance, area, space, length, width, centimetre, square	metric, imperial, unit of measurement, gram, kilogram, pound, ounce,

	length, height, compare, measure, full, empty, days of the week, morning, afternoon, evening, night, before, after, next, last, clock, watch, money, pound, pence, coin, note	tallest, length, height, compare, measure, distance, ruler, centimetre	height, width, compare, distance	unit of measurement, measure, add, subtract, multiply, equivalent, convert, greater than, less than, ruler, metre stick	metre, around, rectilinear shape, kilometre, area, space, unit, least, greatest, triangle, quadrilateral, reflection, rotation, formula	centimetre, metre, square metre, scale, compare, estimate, formula, 2d shape, brackets	mass, millilitre, litre, pint, capacity, millimetre, centimetre, metre, millimetre, inch, foot, yard, mile, length, convert, conversion table, conversion graph
		pound, pence, coin, note	pound, pence, coin, note, change, £	pound, pence, convert, total, difference, change	notes, coins, pounds, pence, add, subtract, change, round to the nearest, order, greater than, less than, cheaper, more expensive, estimate, over estimate, under estimate, notation, total	convert, metric unit, imperial unit, kilo, kilogram, gram, millimetre, centimetre, metre, kilometre, litre, millilitre, pound, ounce, inch, foot, yard, pint, gallon, stone, approximately	area, volume, perimeter, parallelogram, height, enclosed, width, length, square centimetre, square metre, base, estimate, formula, compound shape, cubic centimetre, cubic metre
		heavier, heaviest, lighter, capacity, balance scales, full, empty, weight, weigh, balanced, estimate	mass, balance, weighing scales, capacity, estimate, approximation, gram, kilogram, litre, millilitre, volume, temperature, thermometer,	mass, weight, measure, scale, interval, gram, kilogram, capacity, litre, millilitre, convert	convert, compare, unit of time, second, minute, hour, day, week, month, year, 12-hour, 24-hour, analogue, digital, am, pm	volume, cube, cuboid, 3d shape, solid, capacity, calculate, estimate, unit cube, least greatest	

			degrees Celsius, heavier than, lighter than, hundreds				
		before, after, yesterday, today, tomorrow, day, week, lower, faster, month, year, calendar, date, minute hand, hour hand, o'clock, half past, second, minute, hour	o'clock, half past, minute hand, hour hand, duration, quarter past, quarter to	month, year, midnight, midday, am, pm, duration, estimate, consecutive, hour, minute, second, past, to, start, end, digital clock, analogue clock			

Geometry Properties of shape	side, rectangle, square, triangle, circle, 2d shapes 3d shape, cube, cuboid, sphere, pyramid, cylinder, cone, 2d shape, circle, pattern, flat, curved, shape, face, edge, vertex, vertices	3d shape, cube, cuboid, sphere, pyramid, cylinder, cone, 2d shape, circle, triangle, rectangle, face, edge, vertex, vertices, pattern, repeated	quadrilateral, polygon, prism, hexagon, octagon, vertex, vertices, hemisphere, symmetry, line of symmetry, symmetrical, curved surface	right angle, obtuse, acute, parallel, perpendicular, vertical, horizontal, triangle, quadrilateral, kite, trapezium, rhombus, parallelogram, cuboid, triangular prism, squarebased pyramid, cone cylinder, edge, face, vertices, clockwise, anticlockwise	quadrilateral, triangle, regular, irregular, interior angle, angle, acute, obtuse, reflect, right angle, symmetrical, isosceles, scalene, equilateral, line of symmetry, reflective symmetry	angle, whole turn, right angle, acute angle, obtuse angle, reflex angle, degree, interior angle, orientation, clockwise, anticlockwise, parallel, perpendicular, angle, quadrilateral, view, regular, irregular, 3d shape, pyramid, sphere, cone, hexagon, pentagon, triangle, top view, plan view, side view	degree, angle, obtuse, acute, reflex, right angle, protractor, triangle, isosceles, scalene, regular, polygon, quadrilateral, parallelogram, kite, rhombus, trapezium, diameter, radius, circumference, concentric, perimeter, net, pyramid, tetrahedron, cylinder, prism, cuboid, cube, vertically opposite angles
Geometry Position and Direction	position, left, right, forwards, backwards, above, below, top, middle, bottom, up, down, in between, over, under, direction	turn, half turn, quarter turn, three quarter turn, whole turn, position, left, right, forwards, backwards, above, below, top, middle, bottom, up, down, in between	anticlockwise, clockwise, turn, half turn, quarter turn, three quarter turn, whole turn, left, right, forwards, backwards, middle, forwards, backwards		position, horizontal, vertical, up, down, left, right, coordinates, square, rectangle, plot, vertex, vertices, point, grid	reflection, translation, vertex, vertices, coordinates, mirror line, horizontal axis, vertical axis	quadrant, four quadrants, translate, translation, x-axis, y-axis, axis, axes, horizontal, vertical, vertex, reflect, reflection.

Statistics	count, sort, group, set, list, tally		table, block diagram, tally chart, pictogram, key	pictogram, key, bar chart, scale, vertical axis, horizontal axis, table, row, column	data, line graph, pictogram, bar chart, table, altogether, more than, greatest, smallest, continuous data, compare	graph, line graph, table, dual line graph, horizontal, vertical, two-way table, scale, axis/axes, data, plot/plotted, tallies/tally, digit	Mean, average, pie chart, segment, line graph, bar chart, percentage, fraction, data
Algebra, Ration and proportion							algebra, formula, formulae, equation, unknown, variable, sequence, rule, term, substitute, expression, calculation, operation, generalise, inverse, solution
							ratio, proportion, part, whole, scale, scale factor, notation, similar