

# Maths Vocabulary Reception

Learning Area	Number		Measures	Time	Geometry	Positional language	Number 2
Vocabulary New	count subitise order compare same different forwards backwards number one more one less equal (to) more than less than number bonds fewer amount numberline	add plus altogether total take away minus subtract zero numicon	compare long(er)(est) short(er) (est) length longer than shorter than height weight capacity lighter than heavier than full empty big bigger biggest	time quicker slower earlier later before after first next today yesterday tomorrow morning afternoon evening night day week Monday, Tuesday ...	2D shape rectangle square circle triangle 3D shape cube cone sphere cuboid pyramid cylinder triangular prism curved straight flat order repeat patterns side corner	under over between around through on into next to behind beneath on top of	double half equal share group odd even

## Maths Vocabulary Year 1

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Objectives	- Place value -Position and direction	- Place Value - Addition and subtraction -Geometry	-Place Value -Measures	- Addition and subtraction -Money -Fractions	- Place Value -Multiplication and division - Time -Geometry	- Place Value - Position and direction
Vocabulary Revised/New	count, subitise, order, compare, forwards, backwards, number, zero, under, over, between, around, on, one more, one less, equal (to), more than, less than, fewer, amount, numberline, into, next to, behind, beneath, on top of, through most, least, sort, represent, top, middle, bottom, near, close, far, position, ordinal, first, second, third ..., in front, of, above, below, up, down, inside, outside	add, plus, altogether, total, take, away, minus, subtract, equal, share, odd, even, 2D shape, rectangle, square, circle, triangle, number bonds digit, addition, subtraction, sum, difference, inverse number facts	count, order, compare, forwards, backwards, number, one more, one less, equal (to), more than, less than, fewer, amount, numberline, long (est) short (est), length, longer than, shorter than, height, weight, capacity, lighter than, heavier than, full, empty, big, bigger, biggest estimate, size, value, digit, 2-digit no., tens, ones, column, part, whole, wide(er), narrow(er) distance, half full, volume, gram/g, kilogram/kg, centimetre/cm, metre/m	add, plus, altogether, total, take away, minus, subtract, equal, double, half, equal, share, group, amount whole, addition, subtraction, sum, difference, inverse, number facts, 2-digit no., tens, ones, column, missing numbers, half, quarter, equal parts, coin, notes, penny/p, pound/£, price, cost	count, forwards, backwards, double, half, equal, share, group, time, quicker, slower, earlier, later, before after, first, next, today, yesterday, tomorrow, morning, afternoon, evening, night, day, week, Monday, Tuesday...3D shape, cube, cone, sphere, cuboid, pyramid, cylinder, triangular prism, curved, straight, flat, side, corner array, chronological order, month, January, February ..., year, hour, minute, second, clock, o'clock, half past, hour hand, minute hand	count, forwards, backwards, number digit, 2-digit no., value, tens, ones, column, position, direction, left, right, clockwise, whole turn, half turn, quarter turn

## Maths Vocabulary Year 2

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Objectives	<ul style="list-style-type: none"> <li>- Place Value</li> <li>- Addition and subtraction</li> <li>- Geometry</li> </ul>	<ul style="list-style-type: none"> <li>- Addition and subtraction</li> <li>- Multiplication and division</li> <li>- Money</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplication and division</li> <li>- Fractions (revision)</li> <li>- Time</li> <li>- Number</li> </ul>	<ul style="list-style-type: none"> <li>- Number</li> <li>- Addition and subtraction</li> <li>- Patterns and sequences</li> </ul>	<ul style="list-style-type: none"> <li>- Statistics</li> <li>- Measures</li> </ul>	<ul style="list-style-type: none"> <li>- Number</li> <li>- Geometry</li> <li>- Position and direction</li> </ul>
Vocabulary Revised/New	digit, greater than, less than, addition, subtraction, sum, difference, inverse, number facts, estimate, (revise all previous shape vocabulary) numeral, place value, partition, place holder, calculate, one hundred, commutative, > as 'greater than', , as 'less than', vertices, edges, faces, symmetry, straight, curved	digit, greater than, less than, addition, subtraction, sum, difference, inverse, number facts, estimate, array, coin, notes, penny/p, pound/£, price, cost, amount multiple, step counting, calculate, multiplication, division, times tables, bought, change,	whole, half, quarter, equal parts, chronological order, month, January, February ..., year, hour, minute, second, clock, o'clock, half past, hour hand, minute hand, clockwise multiple, step counting, multiplication, times tables, thirds, one third, two thirds, two quarters, equivalent, sharing, grouping, twice as much calculate, analogue, quarter past, quarter to, anticlockwise,	addition, subtraction, sum, difference, inverse, number facts, commutative, array, pattern, order, repeat	wide(er), narrow(er), distance, half full, volume, gram/g, kilogram/kg, centimetre /cm, metre/m millimetre, litre, millilitre, pictogram, tally chart. Block diagram, table, data, category(ies)	addition, subtraction, sum, difference, inverse, number facts, commutative, 3D shape, cube, cone, sphere, cuboid, pyramid, cylinder, triangular prism, curved, straight, flat, side, corner, position, direction, left, right, clockwise, whole turn, half turn, quarter turn vertices, edges, faces, symmetry, straight, curved, rotate, rotation

### Maths Vocabulary Year 3

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Objectives	<ul style="list-style-type: none"> <li>- Place Value</li> <li>- Addition and subtraction</li> <li>- Statistics</li> </ul>	<ul style="list-style-type: none"> <li>- Addition and subtraction</li> <li>Geometry</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplication and division</li> <li>- Fractions (revision)</li> <li>- Measures</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplication and division</li> <li>Fractions and decimals</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplication and division</li> <li>- Time</li> </ul>	<ul style="list-style-type: none"> <li>- Number</li> <li>- Geometry</li> </ul>
Vocabulary Revised/New	digit, numeral, place value, step counting, greater than, less than, partition, place holder, calculate, pictogram, tally chart, block diagram, table, data, category (ies) hundreds, one thousand, sequence, compare, interpret, scale, represent, axis/axes	commutative, estimate, estimation, calculate, vertices, edges, faces, prism, cone, symmetry, angle Inverse operations, degrees(s), right angle, acute, obtuse	commutative, array, calculate, times tables, inverse operations, gram, kilogram, width, metre, centimetre, litre, millilitre, degrees, Celsius, thermometer, price, cost, amount, change multiple, perimeter	commutative, array, calculate, times tables, one/two thirds, sharing, grouping, two quarters, equivalent fifths, sixths, sevenths, eights, ninths, tenths, numerator, denominator, order, unit-fraction, non-unit fraction, integer, decimal	commutative, array, calculate, time tables, analogue, clockwise, anti-clockwise AM/PM, duration, noon, midnight, analogue clock, digital clock, Roman numerals, five past/to, ten past/to...	Straight, curved, rotate, rotations orientation, perpendicular, parallel, horizontal, vertical, quadrilateral, polygon, polyhedron, polyhedral, reflection

## Maths Vocabulary Year 4

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Objectives	<ul style="list-style-type: none"> <li>- Place Value</li> <li>- Addition and subtraction</li> <li>- Measures</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplication and division</li> <li>- Time</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplication and division</li> <li>- Geometry</li> </ul>	<ul style="list-style-type: none"> <li>- Addition and subtraction</li> <li>- Decimals</li> <li>- Measures (weight)</li> </ul>	<ul style="list-style-type: none"> <li>- Fractions and decimals</li> </ul>	<ul style="list-style-type: none"> <li>- Number</li> <li>- Statistics</li> </ul>
Vocabulary Revised/New	<p>hundreds, one thousand, operations, inverse operations</p> <p>thousands, round, rounding, associative, derive, covert, conversion, kilometre</p>	<p>inverse operations, multiple, AM/PM, duration, noon, midnight, analogue clock, digital clock, factor, factors pairs, product, distributive, derive, remainder, 24-hr clock</p>	<p>operation, inverse operations, multiple, degree(s), right angle, acute, obtuse, reflex, perimeter, orientation, perpendicular, parallel, horizontal, vertical, quadrilateral, polygon, polyhedron, polyhedral, reflection, scale, axis/axes</p> <p>factor, factor pairs, distributive, derive, remainder, rectilinear, area, dimensions, classify, pentagon, hexagon, heptagon, octagon, nonagon, decagon, isosceles, scalene, equilateral, parallelogram, rhombus, trapezium, protractor, regular, irregular, co-ordinates, quadrant, plot, grid, translate, translation</p>	<p>Integer, decimal, inverse operations, operation</p> <p>associative, derive, decimal place, covert, conversion</p>	<p>fifths, sixths, sevenths, eights, ninths, tenths, numerator, denominator, order, unit-fraction, non-unit fraction, integer, decimal</p> <p>hundredth(s), decimal equivalents, decimal places, proportion</p>	<p>Roman numerals, interpret, scale</p> <p>negative, label, graph, discrete data, continuous data, comparison problem, sum problem, difference problem, line graph, time graph, y-axis, x-axis</p>

## Maths Vocabulary Year 5

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Objectives	<ul style="list-style-type: none"> <li>- Place Value</li> <li>- Addition and subtraction</li> <li>- Statistics</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplication and division</li> <li>- Geometry</li> </ul>	<ul style="list-style-type: none"> <li>- Fractions</li> <li>- Measures</li> </ul>	<ul style="list-style-type: none"> <li>- Fractions, decimals and percentages</li> <li>- Measures</li> </ul>	<ul style="list-style-type: none"> <li>- Problem solving Four operations</li> <li>- Position and direction</li> <li>- Time</li> </ul>	<ul style="list-style-type: none"> <li>- Number</li> <li>- Measure (volume)</li> <li>- Geometry</li> </ul>
Vocabulary Revised/New	thousands, round, rounding, associative, derive, negative, label, graph, discrete data, continuous data, comparison problem, sum problem, difference problem, line graph, time graph, y-axis, x-axis ten thousands, one hundred thousands, millions, powers of, timetable	factor, factors pairs, product, distributive, derive, remainder, degree(s), right angle, acute, obtuse, reflex, complement, prime, composite, prime factors, square(d), cube(d), divisor, dividend, quotient, common factors, common multiples, 180°, 360°, angles on a straight line, angles around a point, missing angles	hundredth(s), covert, conversion, kilometre mixed numbers, thousandth(s), improper fractions, proper fractions, metric units, imperial units, inches, pounds, pints	hundredth(s), decimal equivalents, decimal places, proportion, rectilinear, area, dimensions, thousandth(s), percent, percentages, composite, compound shape, square centimetres, square metres	24-hr clock, co-ordinates, quadrant, plot, grid, translate, translation	classify, pentagon, hexagon, heptagon, octagon, nonagon, decagon, isosceles, scalene, equilateral, parallelogram, rhombus, trapezium, protractor, regular, irregular scaling, volume, cube(d) diagonal

## Maths Vocabulary Year 6

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Objectives	<ul style="list-style-type: none"> <li>- Place Value</li> <li>- Addition and subtraction</li> <li>- Multiplication and division</li> </ul>	<ul style="list-style-type: none"> <li>- Fractions, decimals and percentages</li> <li>- Geometry</li> <li>- Coordinates</li> </ul>	<ul style="list-style-type: none"> <li>- Algebra</li> <li>- Measures</li> </ul>	<ul style="list-style-type: none"> <li>- Fractions, decimals and percentages</li> <li>- Scale factors</li> <li>- Ratio and proportion</li> <li>- Statistics</li> <li>- Geometry</li> </ul>	Consolidation of learning/Revision	Post SATS maths projects
Vocabulary Revised/New	ten thousands, one hundred thousands, millions, powers of, complement, prime, composite, prime factors, square(d), cube(d), divisor, dividend, quotient, common factors, common multiples, ten millions, long division, simplify,	mixed numbers, thousandth(s), improper fractions, proper fractions, thousandth(s), percent, percentages, 180°, 360°, angles on a straight line, angles around a point, missing angles, simplify, quadrants, vertically opposite, complementary angles,	metric units, imperial units, inches, pounds, pints, composite, compound shape, square centimetres, square metres, volume, cube(d), algebra, letter, symbol formula(e), sequence, linear number sequence, algebraic, equation, unknown, variable, constant, generalise, miles, feet, cubic millilitres, gallons, stones, ounces	scaling Scale factor, relative size, ratio, proportion, pie chart, data set, mean, average, circumference, radius, diameter, net(s)		