

Number and Place Value	
Year 5	Year 6
<p>Number, numeral</p> <p>Zero, one, two, three to twenty, and beyond to one hundred, two hundredone thousand, ten thousand, hundred thousand, million</p> <p>None</p> <p>How many...?</p> <p>Count (on/up/to/from/down) Forwards, backwards</p> <p>Count in ones, twos, fives, tens, threes and fours, eights, six, sevens, nines, twenty fives, fifties and so on to hundreds</p> <p>Equal to, equivalent, is the same as, as many as, pair, rule, relationship, next, consecutive, > greater than, < less than, ≥ greater than or equal to, ≤ less than or equal to</p> <p>Odd and even</p> <p>Roman numerals</p> <p>Integer, positive, negative, above/below zero, minus, negative numbers, formula</p> <p>divisibility, square number, prime number, ascending/descending order</p> <p>More, most, less, least, lesser, many, few, fewer, fewest, smaller, smallest, larger, largest, greater, greatest, bigger, biggest, sequence, continue, predict</p>	<p>Number, numeral</p> <p>Zero, one, two, three to twenty, and beyond to one hundred, two hundredone thousand, ten thousand, hundred thousand, million</p> <p>None</p> <p>How many...?</p> <p>Count (on/up/to/from/down) Forwards, backwards</p> <p>Count in ones, twos, fives, tens, threes and fours, eights, six, sevens, nines, twenty fives, fifties and so on to hundreds</p> <p>Equal to, equivalent, is the same as, as many as, pair, rule, relationship, next, consecutive, > greater than, < less than, ≥ greater than or equal to, ≤ less than or equal to</p> <p>Odd and even</p> <p>Roman numerals</p> <p>Integer, positive, negative, above/below zero, minus, negative numbers, formula</p> <p>Divisibility, square number, prime number, factorise, prime factor, ascending/descending order, digit total</p> <p>More, most, less, least, lesser, many, few, fewer, fewest, smaller, smallest, larger, largest, greater, greatest, bigger, biggest, sequence, continue, predict</p>

<p>Multiple of, factor of, factor pair</p> <p>One more, ten more, one less, ten less, one hundred more, one hundred less, one thousand more, one thousand less</p> <p>Units, ones, tens, digit, one-, two- or three-digit number, place, place value</p> <p>stands for, represents, exchange, numeral</p> <p>First, second, third, third.....twentieth, twenty first, twenty second etc</p> <p>Last, last one, last but one</p> <p>Before, after, next, between, half-way between, above, below</p> <p>Compare, order, size, tally,</p>	<p>Multiple of, factor of, factor pair</p> <p>One more, ten more, one less, ten less, one hundred more, one hundred less, one thousand more, one thousand less</p> <p>Units, ones, tens, digit, one-, two- or three-digit number, place, place value</p> <p>stands for, represents, exchange, numeral</p> <p>First, second, third, third.....twentieth, twenty first, twenty second etc</p> <p>Last, last one, last but one</p> <p>Before, after, next, between, half-way between, above, below</p> <p>Compare, order, size, tally,</p>
Addition and Subtraction	
Year 5	Year 6
<p>Addition, add, more, and, make, sum, total, altogether</p> <p>Double, near double, half, halve</p> <p>One more, two more....ten more, one hundred more.....</p> <p>How many more to make...? How many more is.... than ...? How much more is?</p> <p>Subtract,, take away, How many are left/left over?</p> <p>How many have gone? , How many fewer is..... than....?, How much less is..?</p> <p>One less, two less, ten less, one hundred less</p> <p>Difference between</p> <p>Equals, is the same as</p> <p>Number bonds/pairs/facts tens boundary, hundreds boundary, ones boundary, tenths boundary</p>	<p>Addition, add, more, and, make, sum, total, altogether</p> <p>Double, near double, half, halve</p> <p>One more, two more....ten more, one hundred more.....</p> <p>How many more to make...? How many more is.... than ...? How much more is?</p> <p>Subtract, take away, How many are left/left over?</p> <p>How many have gone? How many fewer is..... than....? How much less is..?</p> <p>One less, two less, ten less, one hundred less</p> <p>Difference between</p> <p>Equals, is the same as</p> <p>Number bonds/pairs/facts tens boundary, hundreds boundary, ones boundary, tenths boundary</p>

Multiplication and Division	
Year 5	Year 6
<p>Multiplication, multiply, multiplied by, multiple, factor, groups of, times, product, once, twice, three times ... ten times, repeated addition</p> <p>Division, dividing, divide, divided by, divided into, grouping, equal groups of, sharing, share, share equally, left, left over, remainder, one each, two each, three each ... ten each, group in pairs, threes ... tens</p> <p>Multiplication table, multiplication fact, division fact, doubling, halving, array, row, column, number patterns</p> <p>Inverse, square, squared, cube, cubed</p>	<p>Multiplication, multiply, multiplied by, multiple, factor, groups of, times, product, once, twice, three times ... ten times, repeated addition</p> <p>Division, dividing, divide, divided by, divided into, grouping, equal groups of, sharing, share, share equally, left, left over, remainder, one each, two each, three each ... ten each, group in pairs, threes ... tens</p> <p>Multiplication table, multiplication fact, division fact, doubling, halving, array, row, column, number patterns</p> <p>Inverse, square, squared cube, cubed</p>
Fractions (Decimals and Percentages)	
Year 5	Year 6
<p>Fraction, proper/improper fraction, equivalent fraction, mixed number, numerator, denominator, equivalent, reduced to, cancel, equal part, equal grouping, equal sharing, parts of a whole, half, two halves</p> <p>One of two equal parts, quarter, two quarters, three quarters, one of four equal parts, one third, two thirds, one of three equal parts, sixths, sevenths, eighths, tenths ... hundredths, thousandths, decimal, decimal fraction, decimal point, decimal place, decimal equivalent, proportion, in every, for every percentage, per cent, %</p>	<p>Fraction, proper/improper fraction, equivalent fraction, mixed number, numerator, denominator, equivalent, reduced to, cancel, equal part, equal grouping, equal sharing, parts of a whole, half, two halves,</p> <p>One of two equal parts, quarter, two quarters, three quarters, one of four equal parts, one third, two thirds, one of three equal parts, sixths, sevenths, eighths, tenths ... hundredths, thousandths, decimal, decimal fraction, decimal point, decimal place, decimal equivalent, proportion, in every, for every, percentage, per cent, %</p>
Ratio and Proportion	
Year 5	Year 6
	<p>Ratio, proportion, divided, shared, parts, simplest form, simplified, direct proportion, increase, decrease, common factors, equivalent ratios, multiplied, divided</p>

Algebra	
Year 5	Year 6
	Formula, formulae, equation, unknown, variable, missing number, substitute, expression, represent, satisfy, balance,
Measurement	
Year 5	Year 6
<p>Measure, measurement, measuring scale, division</p> <p>Size, compare, unit, standard unit, metric unit, imperial unit, guess, estimate</p> <p>Enough, not enough, too much, too little, too many, too few. nearly, close to, about the same as, approximately, roughly, just over, just under</p> <p><u>Length</u> Millimetre, centimetre, metre, kilometre, mile, yard, foot, inch, inches</p> <p>Length, height, width, depth, breadth</p> <p>Long, short, tall, high, low, wide, narrow, thick, thin, longer, shorter, taller, higher, longest,, shortest, tallest, highest</p> <p>Far, further, furthest, near, close, distance apart ... between ... to ... from</p> <p>Edge, perimeter, area, covers, square centimetre (cm²), square metre (m²), square millimetre (mm²)</p> <p>Ruler, metre stick, tape measure</p> <p><u>Weight</u> Tonne, kilogram, half kilogram, gram, weigh, weighs, ounce, pound, stone</p>	<p>Measure, measurement, measuring scale, division</p> <p>Size, compare, unit, standard unit, metric unit, imperial unit, guess, estimate</p> <p>Enough, not enough, too much, too little, too many, too few. nearly, close to, about the same as, approximately, roughly, just over, just under</p> <p><u>Length</u> Millimetre, centimetre, metre, kilometre, mile, yard, foot, feet, inch, inches</p> <p>Length, height, width, depth, breadth</p> <p>Long, short, tall, high, low, wide, narrow, thick, thin, longer, shorter, taller, higher, longest,, shortest, tallest, highest</p> <p>Far, further, furthest, near, close, distance apart ... between ... to ... from</p> <p>Edge, perimeter, circumference, area, covers, square centimetre (cm²), square metre (m²), square millimetre (mm²)</p> <p>Ruler, metre stick, tape measure</p> <p><u>Weight</u> Tonne, kilogram, half kilogram, gram, pound, ounce, weigh, weighs, Balances, scales</p>

<p>Balances, scales</p> <p>Heavy, light, heavier than, lighter than, heaviest, lightest, mass: big, bigger, small, smaller, heavier/lighter, heaviest/lightest</p> <p><u>Capacity and volume</u> Litre, half litre, millilitre, pint, gallon</p> <p>Capacity, volume</p> <p>Full, empty, more than, less than, half full, quarter full, holds, contains</p> <p><u>Temperature</u> Temperature, degree, centigrade, Celsius</p> <p><u>Time</u> Days of the week, months of the year, seasons, day, week, weekend, fortnight, month, year, leap year, century, millennium, calendar, date, date of birth, birthday, morning, noon, afternoon, evening, night, bedtime, midnight Today, yesterday, tomorrow</p> <p>Before, after, earlier, later, next, first, last, now, soon, early, late, earliest, latest</p> <p>Quick, quicker, quickest, quickly, slow, slower, slowest, slowly</p> <p>Old, older, oldest, new, newer, newest</p> <p>Takes longer, takes less time, how long ago? How long will it be to ...? How long will it take to ...? How often?</p> <p>Always, never, often, sometimes, usually, once, twice</p> <p>Hour, o'clock, half past, quarter past, quarter to, 5, 10, 15 ... minutes past, a.m, p.m</p>	<p>Heavy, light, heavier than, lighter than, heaviest, lightest, mass: big, bigger, small, smaller, heavier/lighter, heaviest/lightest</p> <p><u>Capacity and volume</u> litre, half litre, millilitre, centilitre, cubic centimetres(cm3), cubic metres (m3), cubic millimetres (mm3), cubic kilometres (km3) pint, gallon</p> <p>Capacity, volume</p> <p>Full, empty, more than, less than, half full, quarter full, holds, contains</p> <p><u>Temperature</u> Temperature, degree, centigrade, Celsius</p> <p><u>Time</u> Days of the week, months of the year, seasons, day, week, weekend, fortnight, month, year, leap year, century, millennium, calendar, date, date of birth, birthday, morning, noon, afternoon, evening, night, bedtime, midnight Today, yesterday, tomorrow</p> <p>Before, after, earlier, later, next, first, last, now, soon, early, late, earliest, latest</p> <p>Quick, quicker, quickest, quickly, slow, slower, slowest, slowly</p> <p>Old, older, oldest, new, newer, newest</p> <p>Takes longer, takes less time, how long ago? How long will it be to ...? How long will it take to ...? How often?</p> <p>Always, never, often, sometimes, usually, once, twice</p> <p>Hour, o'clock, half past, quarter past, quarter to, 5, 10, 15 ... minutes past, a.m, p.m clock, clock face, watch, hands, digital/analogue clock/watch, timer, hour hand, minute hand, hours, minutes, seconds, timetable, arrive, depart</p>
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<p>clock, clock face, watch, hands, digital/analogue clock/watch, timer, hour hand, minute hand, hours, minutes, seconds, timetable, arrive, depart Roman numerals, 12-hour clock time, 24-hour clock time</p> <p><u>Money</u> Money, coin, penny, pence, pound Price, cost, buy, bought, sell, sold, spend, spent, pay, change, dear, costs more, cheap, costs less, cheaper, costs the same as How much ...? How many....? total, discount, currency</p>	<p>Roman numerals, 12-hour clock time, 24-hour clock time, Greenwich Mean Time, British Summer Time, International Date Line</p> <p><u>Money</u> Money, coin, penny, pence, pound Price, cost, buy, bought, sell, sold, spend, spent, pay, change, dear, costs more, cheap, costs less, cheaper, costs the same as How much ...? How many....? total, discount, currency, profit, loss</p>
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Properties of Shape

Year 5	Year 6
<p>Shape, pattern,</p> <p>Flat, line, curved, straight, round, hollow, solid, centre, surface</p> <p>Sort, make, build, construct, draw, sketch, perimeter, angle, right-angled, congruent, base, square-based</p> <p>Reflect, reflection, axis of symmetry, reflective symmetry</p> <p>Size, bigger, larger, smaller</p> <p>Symmetry, symmetrical, symmetrical pattern, line symmetry, repeating pattern, match, regular, irregular</p> <p><u>2-D shape</u> 2-D, two-dimensional Corner, side, point, pointed, rectangle (including square), rectangular, oblong, rectilinear, circle, circular, triangle, triangular, equilateral triangle, isosceles triangle, scalene triangle, pentagon, pentagonal hexagon, hexagonal, heptagon, octagon, octagonal Quadrilateral, parallelogram, rhombus, trapezium, kite, polygon, right-angled, parallel, perpendicular</p>	<p>Shape, pattern</p> <p>Flat, line, curved, straight, round, hollow, solid, centre, radius, diameter, circumference, concentric, arc, net, open, closed, surface</p> <p>Sort, make, build, construct, draw, sketch, perimeter, angle, right-angled, congruent, intersecting, intersection, plane base, square-based</p> <p>Reflect, reflection, axis of symmetry, reflective symmetry</p> <p>Size, bigger, larger, smaller</p> <p>Symmetry, symmetrical, symmetrical pattern, line symmetry, repeating pattern, match, regular, irregular</p> <p><u>2-D shape</u> 2-D, two-dimensional Corner, side, point, pointed, rectangle (including square), rectangular, oblong, rectilinear, circle, circular, triangle, triangular, equilateral triangle, isosceles triangle, scalene triangle, pentagon, pentagonal hexagon, hexagonal, heptagon, octagon, octagonal</p>

<p><u>3-D shape</u> 3-D, three-dimensional, face, edge, vertex, vertices</p> <p>Cube, cuboid, pyramid, sphere, spherical, hemisphere, cone, cylinder, cylindrical, prism, triangular prism, tetrahedron, polyhedron, octahedron</p>	<p>Quadrilateral, parallelogram, rhombus, trapezium, kite, polygon, right-angled, parallel, perpendicular</p> <p><u>3-D shape</u> 3-D, three-dimensional Face, edge, vertex, vertices</p> <p>Cube, cuboid, pyramid, sphere, spherical, hemisphere, cone, cylinder, cylindrical, prism, triangular prism, tetrahedron, polyhedron, octahedron, dodecahedron, net, open, closed</p>
Position and Direction	
Year 5	Year 6
<p>Position, over, under, underneath, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, beside, next to, opposite, apart, between, middle, edge, centre, corner</p> <p>Direction, journey, route, left, right, up, down, higher, lower, forwards, backwards, sideways, across, next to, close, near, far, along, through, to, from, towards, clockwise, anti-clockwise, away from</p> <p>Compass point, north, south, east, west, N, S, E, W, north-east, north-west, south-east, south-west, NE, NW, SE, SW, horizontal, vertical, diagonal, translate, translation, coordinate</p> <p>Movement, slide, roll, turn, stretch, bend</p> <p>Whole turn, half turn, quarter turn, three-quarter turn, rotate, rotation, degree, right angle, straight line, ruler, set square, angle measurer, protractor, compass, angle ... is a greater/smaller angle than, acute angle, obtuse angle, reflection</p>	<p>Position, over, under, underneath, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, beside, next to, opposite, apart, between, middle, edge, centre, corner</p> <p>Direction, journey, route, left, right, up, down, higher, lower, forwards, backwards, sideways, across, next to, close, near, far, along, through, to, from, towards, clockwise, anti-clockwise, away from</p> <p>Compass point, north, south, east, west, N, S, E, W, north-east, north-west, south-east, south-west, NE, NW, SE, SW, horizontal, vertical, diagonal, translate, translation, coordinate</p> <p>Movement, slide, roll, turn, stretch, bend</p> <p>Whole turn, half turn, quarter turn, three-quarter turn, rotate, rotation, degree, right angle, straight line, ruler, set square, angle measurer, protractor, compass, angle ... is a greater/smaller angle than, acute angle, obtuse angle, reflex angle, reflection</p>
Statistics	
Year 5	Year 6
<p>Count, tally, sort, vote, survey, questionnaire, data, database, group, block graph, represent, pictogram set, list, table, chart, bar chart,</p>	<p>Count, tally, sort, vote, survey, questionnaire, data, database, group, block graph, pictogram, represent, group, set, list, table, chart, bar</p>

<p>frequency table, bar line chart, Carroll diagram, Venn diagram, line graph, label, title, axis, axes, diagram, most popular, most common, least popular, least common, maximum/minimum value, outcome</p>	<p>chart, frequency table, bar line chart, Carroll diagram, Venn diagram, line graph, pie chart, label, title, axis, axes, diagram, most popular, most common, least popular, least common, maximum/minimum value, outcome, mean (mode, median, range as estimates for this), statistics, distribution</p>
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*Red in colour demonstrates the different vocabulary progressing from the previous year group.