

Number and Place Value	
Year 3	Year 4
<p>Number, numeral</p> <p>Zero, one, two, three to twenty, and beyond to one hundred, two hundredone thousand</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, fifties and so on to hundreds</p> <p>Equal to, equivalent, is the same as, as many as, pair, rule, > greater than, < less than</p> <p>More, most, less, least, lesser, many, few, fewer, fewest, smaller, smallest, larger, largest, greater, greatest, bigger, biggest, sequence, continue, predict</p> <p>Odd and even</p> <p>Roman numerals</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,</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</p> <p>Odd and even</p> <p>Roman numerals</p> <p>Integer, positive, negative, above/below zero, minus, negative numbers</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</p> <p>One more, ten more, one less, ten less, one hundred more, one hundred 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</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>Addition and Subtraction</p>	
<p>Year 3</p>	<p>Year 4</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>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>

Number bonds/pairs/facts tens boundary, hundreds boundary	Number bonds/pairs/facts tens boundary, hundreds boundary
Multiplication and Division	
Year 3	Year 4
<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</p> <p>Number patterns</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</p> <p>Number patterns</p> <p>Inverse</p>
Fractions (Decimals and Percentages)	
Year 3	Year 4
<p>Fraction, equivalent fraction, numerator, denominator equal part, equal grouping, equal sharing</p> <p>Parts of a whole, half, two halves, 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 ...</p>	<p>Fraction, equivalent fraction, mixed number, numerator, denominator 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, decimal, decimal fraction, decimal point, decimal place, decimal equivalent, proportion</p>

Ratio and Proportion	
Year 3	Year 4
Algebra	
Year 3	Year 4
Measurement	
Year 3	Year 4
<p>Measure, measurement, measuring scale, division</p> <p>Size, compare, 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,</p> <p>Length, height, width, depth</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>Perimeter</p>	<p>Measure, measurement, measuring scale, division</p> <p>Size, compare, unit, standard unit, metric 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,</p> <p>Length, height, width, depth,</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)</p>

<p>Ruler, metre stick, tape measure</p> <p><u>Weight</u> Kilogram, half kilogram, gram, weigh, weighs,</p> <p>Balances, scales</p> <p>Heavy, light, heavier than, lighter than, heaviest, lightest</p> <p><u>Capacity and volume</u> Litre, half litre, millilitre</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, century, calendar, date, birthday, morning, 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 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>Ruler, metre stick, tape measure</p> <p><u>Weight</u> Kilogram, half kilogram, gram, weigh, weighs,</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</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 Old, older, oldest, new, newer, newest</p>
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<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>clock, clock face, watch, hands, digital/analogue clock/watch, timer, hour hand, minute hand, hours, minutes, seconds,</p> <p>Roman numerals, 12-hour clock time, 24-hour clock time</p> <p><u>Money</u></p> <p>Money, coin, penny, pence, pound</p> <p>Price, cost, buy, bought, sell, sold, spend, spent, pay, change, dear, costs more, cheap, costs less, cheaper, costs the same as</p> <p>How much ...? How many....? total</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>clock, clock face, watch, hands, digital/analogue clock/watch, timer, hour hand, minute hand, hours, minutes, seconds, timetable, arrive, depart</p> <p>Roman numerals, 12-hour clock time, 24-hour clock time</p> <p><u>Money</u></p> <p>Money, coin, penny, pence, pound</p> <p>Price, cost, buy, bought, sell, sold, spend, spent, pay, change, dear, costs more, cheap, costs less, cheaper, costs the same as</p> <p>How much ...? How many....? total</p>
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Properties of Shape

Year 3	Year 4
<p>Shape, pattern</p> <p>Flat, curved, straight, round, hollow, solid, surface</p> <p>Sort, make, build, draw, perimeter</p> <p>Size, bigger, larger, smaller</p> <p>symmetry, symmetrical, symmetrical pattern, line symmetry, repeating pattern, match</p> <p><u>2-D shape</u></p>	<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 base, square-based</p> <p>Reflect, reflection</p> <p>Size, bigger, larger, smaller</p>

<p>Corner, side, point, pointed, rectangle (including square), rectangular, circle, circular, triangle, triangular, pentagon, pentagonal, hexagon, hexagonal, octagon, octagonal Quadrilateral, right-angled, parallel, perpendicular</p> <p><u>3-D shape</u> Face, edge, vertex, vertices</p> <p>cube, cuboid, pyramid, sphere, hemisphere, cone, cylinder, prism, triangular prism</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, kite, trapezium, 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</p>
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Position and Direction

Year 3	Year 4
<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, horizontal, vertical, diagonal</p> <p>Movement, slide, roll, turn, stretch, bend</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</p> <p>Movement, slide, roll, turn, stretch, bend</p>

Whole turn, half turn, quarter turn, three-quarter turn, right angle, straight line, angle ... is a greater/smaller angle than, acute angle, obtuse angle	Whole turn, half turn, quarter turn, three-quarter turn, rotate, rotation, degree, right angle, straight line, angle measurer, protractor, compass, angle ... is a greater/smaller angle than, acute angle, obtuse angle, reflection
Statistics	
Year 3	Year 4
Count, tally, sort, vote, group, block graph, pictogram, represent, set, list, table, chart, bar chart, frequency table, Carroll diagram, Venn diagram, label, title, axis, axes, diagram, most popular, most common, least popular, least common	Count, tally, sort, vote, survey, questionnaire, data, group, block graph, represent, pictogram, set, list, table, chart, bar chart, frequency table, Carroll diagram, Venn diagram, label, title, axis, axes, diagram, most popular, most common, least popular, least common

***Red in colour demonstrates the different vocabulary progressing from the previous year group.**