



Year 5

<p>NUMBER</p> <p>Number and place value</p> <p>Number</p> <p>number numeral zero one, two, three... twenty teens numbers, eleven, twelvetwenty twenty-one, twenty-two..... one hundred, two hundred... one thousand... ten thousand, hundred thousand, million none how many..? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens, threes, fours, eights, fifties, sixes, sevens, nines, twenty-fives and so on to hundreds thousands equal to equivalent to is the same as more, less most, least tally many odd, even multiple of, factor of factor pair sequence continue predict few pattern pair, rule relationship next, consecutive >greater than <less than ≥greater than or equal to ≤less than or equal to Roman numerals integer, positive, negative above/ below zero, minus negative numbers</p>	<p>formula divisibility square number prime number ascending/descending order</p> <p>Place Value</p> <p>ones tens, hundreds digit, one-, two-, or three- digit number place, place value stands for, represents exchange 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 hundred more, one thousand more one less, ten less, one hundred, one thousand less equal to compare, order, size first, second, third... twentieth twenty-first, twenty-second ... last, last but one before, after next between, half-way between above, below</p> <p>Estimating</p> <p>guess how many..? estimate nearly, roughly, close to, about the same as approximate, approximately about the same as just over, just under exact, exactly too many, too few enough, not enough round, nearest, round to the nearest ten, hundred, thousand, ten thousand round up, round down</p>
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Addition and subtraction

addition, add, more, and, plus
 make, sum, total, altogether
 double, near double
 half, halve
 one more, two more... ten more.. on hundred more
 how many more to make...?
 how many more is .. than..?
 how much more is..?
 subtract, subtraction, take away, minus
 how many are left/left over?
 how many have gone?
 one less, two less, ten less... one hundred less
 how many fewer is... than...?
 how much less is...?
 difference between
 equals, is the same as
 number bonds/pairs/facts
 missing number
 tens boundary, hundreds boundary, **ones boundary, tenths boundary**
 inverse

Multiplication and division

multiplication
 multiply, multiplied by
 multiple, factor
 groups of, times
 product
 once, twice, three times... ten times
 repeated addition
 division, divide, division, divided by, divided into
 left, left over, remainder
 grouping, sharing, share, share equally
 one each, two each, three each...ten each
 group in pairs, threes... tens
 equal groups of
 doubling, halving
 array
 row, column
 number patterns
 multiplication table
 multiplication fact, division fact
 inverse
 square, squared
 cube, cubed
 quotient

Fractions (including decimals and percentages)

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
 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, %**

MEASUREMENT

Measures (general)

measure, measurement
 size, compare
 unit, standard unit
 metric unit, **imperial unit**
 measuring scale, division
 guess, estimate
 enough, not enough
 too much, too little
 too many, too few
 nearly, roughly, about, close to
 about the same as, approximately
 just over, just under



<p>Length</p> <p>kilometre (km), metre (m), centimetre (cm), millimetre (mm), mile length, width, height, depth, breadth long, short, tall, high, low wide, narrow, thick, thin longer, shorter, taller, higher... and so on longest, shortest, tallest, highest... and so on far, further, furthest, near, close distance apart... between... to... from edge, perimeter area, covers square centimetre (cm²), square metre (m²), square millimetre (mm²) ruler, metre stick, tape measure</p> <p>Mass</p> <p>mass: big, bigger, small, smaller weight: heavy/light, heavier/lighter, heaviest/lightest weigh, weighs, balances kilogram (kg), half-kilogram, gram (g) heavy, light heavier than, lighter than heaviest, lightest scales</p> <p>Temperature</p> <p>temperature degree centigrade</p>	<p>Capacity and Volume</p> <p>litre (l), half-litre, millilitre (ml) capacity volume full, half full empty more than less than quarter full holds, contains container, measuring cylinder pint, gallon</p> <p>Money</p> <p>money coin, note penny, pence, pound, (£) price, cost buy, bought, sell, sold spend, spent pay change dear, costs more, more/most expensive cheap, costs less, cheaper, less/least expensive how much...? how many...? total, amount discount currency</p>
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Time	GEOMETRY
<p>time</p> <p><i>days of the week:</i> Monday, Tuesday...</p> <p><i>months of the year:</i> January, February...</p> <p><i>seasons:</i> spring, summer, autumn, winter</p> <p>day, week, weekend, fortnight, month</p> <p>year, leap year, century, millennium</p> <p>birthday, holiday</p> <p>morning, afternoon, evening, night</p> <p>bedtime, dinner time, playtime</p> <p>today, yesterday, tomorrow</p> <p>before, after</p> <p>earlier, later</p> <p>next, first, last</p> <p>noon, midnight</p> <p>calendar, date, date of birth</p> <p>now, soon, early, late, earliest, latest</p> <p>quick, quicker, quickest, quickly</p> <p>slow, slower, slowest, slowly</p> <p>old, older, oldest, new, newer, newest</p> <p>takes longer, takes less time</p> <p>how long ago?</p> <p>how long will it be to...?</p> <p>how long will it take to...?</p> <p>always, never, often, sometimes, usually</p> <p>once, twice</p> <p>hour, o'clock, half past, quarter past</p> <p>quarter to</p> <p>5, 10, 15...minutes past</p> <p>a.m, p.m</p> <p>clock, clock face, watch, hands</p> <p>digital/analogue, clock/watch, timer</p> <p>hour hand, minute hand</p> <p>hours, minutes, seconds</p> <p>timetable, arrive, depart</p> <p>Roman numerals</p> <p>12-hour clock time, 24-hour clock time</p>	<p>Properties of shape</p> <p>shape, pattern</p> <p>flat, line</p> <p>curved, straight</p> <p>round</p> <p>hollow, solid</p> <p>sort</p> <p>make, build, construct, draw, sketch</p> <p>perimeter</p> <p>centre, radius, diameter</p> <p>angle, right-angled</p> <p>congruent</p> <p>base, square-based</p> <p>size</p> <p>bigger, larger, smaller</p> <p>symmetry, symmetrical, symmetrical pattern</p> <p>line symmetry</p> <p>reflect, reflection</p> <p>axis of symmetry, reflective symmetry</p> <p>pattern, repeating pattern</p> <p>match</p> <p>regular, irregular</p> <p>2D shape</p> <p>2D, two-dimensional</p> <p>corner, side</p> <p>Point, pointed</p> <p>rectangle, rectangular, oblong</p> <p>rectilinear</p> <p>square</p> <p>circle, circular</p> <p>triangle, triangular</p> <p>equilateral triangle, isosceles triangle, scalene triangle</p> <p>pentagon, pentagonal</p> <p>hexagon, hexagonal</p> <p>heptagon</p> <p>octagon, octagonal</p> <p>quadrilateral</p> <p>parallelogram, rhombus, trapezium</p> <p>polygon</p> <p>right-angled</p> <p>parallel, perpendicular</p> <p>x-axis, y-axis, quadrant</p>



3D shape

3D, three-dimensional
 face, edge, vertex, vertices
 cube, cuboid
 pyramid
 sphere, hemisphere, spherical
 cone
 cylinder, cylindrical
 prism, triangular prism
 tetrahedron, polyhedron
octahedron

Position and direction

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
 direction, journey, route
 left, right, up, down, higher, lower
 forwards, backwards, sideways, across
 next to, close, far, near
 along, through, to, from, towards, away from
 clockwise, anti-clockwise
 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
 movement
 slide, roll, turn, stretch, bend
 whole turn, half turn, quarter turn, three-
 quarter turn
 rotate, rotation
 angle, is a greater/smaller angle than
 degree
 right angle, acute angle, obtuse angle
 reflection
 straight line, ruler, set square
 angle measurer, compass, **protractor**

STATISTICS

count, tally, sort, vote
 survey, questionnaire, data, **database**
 graph, block graph, pictogram
 represent
 group, set
 list, table, chart, bar chart, 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

General

pattern
 puzzle
 problem, problem solving
 mental, mentally
 what could we try next?
 how did you work it out?
 show how you ...
 explain your thinking
 explain your method
 describe the pattern
 describe the rule
 investigate
 recognise
 describe
 draw
 compare
 sort
 greatest value, least value
 mental calculation
 written calculation
 statement
 justify
 make a statement
explain your reasoning