

Mathematical Vocabulary

Year 1

NUMBER

COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES

Number, zero, one, two, three... to twenty and beyond, zero, ten, twenty... one hundred none how many...? Count, count (up) to count on (from, to) count back (from, to), count in ones, twos...fives... tens... more, less, many, few, odd, even, every other, how many times? Pattern, pair

PLACE VALUE AND ORDERING

Units, ones, tens, exchange, digit, 'teens' number, the same number as, as many, as equal to, of two objects/amounts: greater, more, larger, bigger, less, fewer, smaller, of three or more objects/amounts: greatest, most, biggest, largest, least, fewest, smallest, one more, ten more, one less, ten less, compare, order, size, first, second, third... tenth, eleventh... twentieth last, last but one, before, after, next, between, half-way between, above, below

ESTIMATING guess how many, estimate, nearly, roughly, close to, about the same as, just over, just under, too many, too few, enough, not enough

FRACTIONS part, equal parts, fraction, one whole, one half, two halves, one quarter, two... three... four quarters

CALCULATIONS

ADDITION AND SUBTRACTION +, add, more plus make, sum, total, altogether, score, double, near double, one more, two more... ten more, how many more to make...? How many more is... than...? How much more is...? – subtract, take (away), minus, leave, how many are left/left over? How many have gone? One less, two less, ten less... how many fewer is... than...? How much less is...? Difference between half, halve = equals, sign, is the same as

MULTIPLICATION AND DIVISION lots of, groups of \times , times, multiply, multiplied by multiple of once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition array row, column double, halve share, share equally one each, two each, three each... group in pairs, threes... tens, equal groups of, \div , divide, divided by, divided into left, left over

MAKING DECISIONS AND REASONING

Pattern, puzzle, answer, right, wrong, what could we try next? How did you work it out? Count out, share out, left, left over, number, sentence, sign, operation

MEASUREMENT

(GENERAL)

Measure size compare guess, estimate enough, not enough too much, too little too many, too few nearly, roughly, close to, about the same as just over, just under

LENGTH

Width, height, depth long, short, tall high, low wide, narrow deep, shallow thick, thin longer, shorter, taller, higher... and so on longest, shortest, tallest, highest... and so on far, near, close metre ruler, metre stick

MASS

Weigh, weighs, balances, heavy/light, heavier/lighter, heaviest/lightest balance, scales, weight

CAPACITY

Full, half full, empty, holds, container

MONEY

Coin penny, pence, pound price cost buy sell spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much...? How many...? Total

TIME

Time days of the week: Monday, Tuesday... seasons: spring, summer, autumn, winter day, week, month, year weekend, birthday, holiday morning, afternoon, evening night, midnight bedtime, dinnertime, playtime today, yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly fast, faster, fastest slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock, half past clock, watch, hands how long ago? How long will it be to...? How long will it take to...? How often? Always, never, often, sometimes, usually once, twice

SHAPE AND SPACE shape, pattern flat curved, straight round hollow, solid corner point, pointed face, side, edge, end sort make, build, draw

3D SHAPES cube cuboid pyramid sphere cone cylinder

2D SHAPES circle triangle square rectangle star

PATTERNS AND SYMMETRY size bigger, larger, smaller symmetrical pattern repeating pattern match

POSITION, DIRECTION AND MOVEMENT position over, under above, below top, bottom, side on, in outside, inside around in front, behind front, back before, after beside, next to opposite apart between middle, edge corner direction left, right up, down forwards, backwards, sideways across close, far, near along through to, from, towards, away from movement slide roll turn stretch, bend, half, quarter and three quarter turn.

INSTRUCTIONS listen join in say think imagine remember

Start from start with start at

Look at point to show me

Put, place fit arrange rearrange change, change over split separate

Carry on, continue repeat what comes next?

Find choose collect
 Use make build
 Tell me describe pick out talk about explain show me
 Read write trace copy complete finish, end
 Fill in shade colour
 Tick, cross draw, draw a line between join (up) ring cost count work out answer check

GENERAL

Same number/s different number/s missing number/s number facts
 Number line, number track number square number cards counters, cubes, blocks, rods die, dice dominoes pegs, peg board
 Same way, different way best way, another way in order, in a different order
 Not all, every, each

Year 2

NUMBER

COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES number, zero, one, two, three... to twenty and beyond, zero, ten, twenty... one hundred, zero, one hundred, two hundred... one thousand none how many...? Count, count (up), to count on, (from, to) count back, (from, to) count in ones, twos, threes, fours, fives... count in tens, more, less, many, few, tally, odd, even, every other, how many times? Multiple of, sequence, continue, predict, pattern, pair, rule, =, <, > signs

PLACE VALUE AND ORDERING units, ones, tens, hundreds, digit, one-, two- or three-digit number 'teens' number, place, place value, stands for, represents, exchange, the same number as, as many as, equal to, of two objects/amounts: greater, more, larger, bigger less, fewer, smaller, of three or more objects/amounts: greatest, most, biggest, largest, least, fewest, smallest, one more, ten more one less, ten less, compare, order, size, first, second, third... tenth... twentieth twenty-first, twenty-second... last, last but one, before, after next between, half-way between, above, below

ESTIMATING guess how many, estimate, nearly, roughly, close to, about the same as, just over, just under, exact, exactly, too many, too few, enough, not enough, round, nearest, round to the nearest ten

FRACTIONS part, equal parts, fraction, one whole, one half, two halves, one quarter, two... three... four quarters

ADDITION AND SUBTRACTION +, add, addition, more, plus, make, sum, total, altogether, score, double, near double, one more, two more... ten more... one hundred more, how many more to make...? How many more is... than...? How much more is...? – subtract, subtraction, take (away), minus leave, how many are left/left over? One less, two less... ten less... one hundred less, how many fewer is... than...? How much less is...? Difference between, half, halve, = equals, sign, is the same as tens boundary, inverse

MULTIPLICATION AND DIVISION lots of, groups of \times , times, multiply, multiplied by multiple of once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition array row, column double, halve share, share equally one each, two each, three each... group in pairs, threes... tens equal groups of \div , divide, divided by, divided into left, left over

MEASUREMENT

(GENERAL) measure, size, compare, measuring, scale, guess, estimate, enough, not enough, too much, too little, too many, too few, nearly, roughly, about, close to, about the same as, just over, just under

LENGTH length, width, height, depth, long, short, tall, high, low, wide, narrow, deep, shallow, thick, thin, longer, shorter, taller, higher... and so on longest, shortest, tallest, highest... and so on far, further, furthest, near, close, metre (m), centimetre (cm) ruler, metre stick, tape measure

MASS weigh, weighs, balances, heavy/light, heavier/lighter, heaviest/lightest, kilogram (kg), half-kilogram, gram (g) balance, scales, weight

CAPACITY capacity, full, half full, empty, holds, contains, litre (l), half-litre, millilitre (ml), container

TIME time days of the week: Monday, Tuesday... months of the year: January, February... seasons: spring, summer, autumn, winter, day, week, fortnight, month, year, weekend, birthday, holiday, morning, afternoon, evening, night, midnight, bedtime, dinnertime, playtime, today, yesterday, tomorrow, before, after next, last, now, soon, early, late, quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest, takes longer, takes less time, how long ago? How long will it be to...? How long will it take to...? Hour, minute, second, o'clock, half past, quarter to, quarter past, clock, watch, hands, digital/analogue clock/watch, timer, how often? Always, never, often, sometimes, usually, once, twice

TEMPERATURE degrees °C

MONEY coin, penny (p), pence, pound (£), price, cost, buy, bought, sell, sold, spend, spent, pay, change, dear, costs, more, cheap, costs less, cheaper, how much...? How many...? Total

GEOMETRY

SHAPE AND SPACE shape, pattern, flat, curved, straight, round, hollow, solid, corner, point, pointed face, side, edge, end sort make, build, draw, surface, edges, vertices, faces

3D SHAPES cube, cuboid, pyramid, sphere, cone, cylinder

2D SHAPES circle, circular, triangle, triangular, square, rectangle, rectangular, star, pentagon, hexagon, octagon

PATTERNS AND SYMMETRY size, bigger, larger, smaller, symmetrical, line of symmetry, fold, match, mirror line, reflection, pattern, repeating pattern

POSITION, DIRECTION AND MOVEMENT position over, under, underneath, above, through, to, from, towards, away from, clockwise, anti-clockwise, movement, slide, roll, whole turn, half turn, quarter turn, right angle, straight line, stretch, bend

STATISTICS

Organising, data, count, tally, sort, vote, graph, block graph, pictogram, represent, group, set, same, different, list, table, label, title, most popular, most common, least popular, least common

MAKING DECISIONS AND REASONING

Pattern, puzzle, calculate, calculation, mental calculation jotting, answer, right, correct, wrong what could we try next? How did you work it out? Number sentence, sign, operation, symbol

INSTRUCTIONS

Listen, join in, say, recite, think, imagine, remember, start from, start with, start at, look at, point to, show me, put, place, fit, arrange, rearrange, change, change over, split, separate, carry on, continue, repeat, what comes next? Predict, describe, the pattern, describe the rule, find, find all, find different, investigate, choose, decide, collect, use, make, build, tell me, describe, name, pick out, discuss, talk about, explain, explain your method, explain how you got your answer, give an example of... show how you... read, write, record, write in figures, present, represent, trace, copy, complete, finish, end, fill in, shade, colour, label, tick, cross, draw, draw a line between, join (up), ring, arrow, cost, count, tally, calculate, work out, solve, answer, check

GENERAL

Same, different, missing number/s, number facts, number pairs, number bonds, number line, number track, number square, hundred square, number cards, number grid, abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board, geo-strips, same way, different way, best way, another way, in order, in a different order, not, all, every, each

Year 3

NUMBER

COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES number, zero, one, two, three... to twenty and beyond zero, ten, twenty... one hundred, zero, one hundred, two hundred... one thousand none how many...? Count, count (up), to, count on (from, to) count back (from, to) count in ones, twos, threes, fours, fives, eights... count in tens, hundreds, more, less, many, few, tally, odd, even, every other, how many times? Multiple of, sequence, continue, predict, pattern, pair, rule relationship

PLACE VALUE AND ORDERING units, ones, tens, hundreds, digit, one-, two- or three-digit number 'teens' number, place, place value, stands for, represents, exchange, the same number as, as many as, equal to, of two objects/amounts: greater, more, larger, bigger, less, fewer, smaller, of three or more objects/amounts: greatest, most, biggest, largest, least, fewest, smallest, one more, ten more, one hundred more, one less, ten less, one hundred less, compare, order, size, first, second, third... tenth... twentieth, twenty-first, twenty-second... last, last but one, before, after, next, between, half-way between, above, below

ESTIMATING guess, how many, estimate, nearly, roughly, close to, approximate, approximately, about the same as, just over, just under, exact, exactly, too many, too few, enough, not enough round (up or down) nearest, round to the nearest ten.... hundred

FRACTIONS part, equal parts fraction, one whole, one half, two halves, one quarter, two... three... four quarters, one third, two thirds, three thirds, one tenth.... two... three... four... tenths, fifths, sixths, sevenths, eighths, ninths

CALCULATIONS

ADDITION AND SUBTRACTION +, add, addition, more, plus, make, sum, total, altogether, score, double, near double, one more, two more... ten more... one hundred more, how many more to make...? How many more is... than...? How much more is...? – subtract, subtraction, take (away), minus, leave, how many are left/left over? One less, two less... ten less... one hundred less, how many fewer is... than...? How much less is...? Difference between, half, halve = equals, sign, is the same as tens boundary, hundreds boundary

MULTIPLICATION AND DIVISION lots of, groups of \times , times, multiply, multiplication, multiplied by multiple of, product, once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition, array, row, column double, halve, share, share equally, one each, two each, three each... group in pairs, threes... tens, equal groups of, \div , divide, division, divided by, divided into, left, left over, remainder

MEASUREMENT

(GENERAL) measure, size, compare, 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, perimeter

LENGTH width, height, depth, long, short, tall, high, low, wide, narrow, deep, shallow, thick, thin longer, shorter, taller, higher... and so on longest, shortest, tallest, highest... and so on far, further, furthest, near, close distance apart/between, distance to... from... kilometre (km), metre (m), centimetre (cm), millimetre (mm), mile ruler, metre stick, tape measure

MASS weigh, weighs, balances heavy/light, heavier/lighter, heaviest/lightest kilogram (kg), half-kilogram, gram (g) balance, scales, weight

CAPACITY capacity full, half full empty, holds, contains litre (l), half-litre, millilitre (ml) container

TIME days of the week: Monday, Tuesday... months of the year: January, February... seasons: spring, summer, autumn, winter day, week, fortnight, month, year, leap year, century, weekend, birthday, holiday, calendar, date, morning, afternoon, evening, night, midnight, am, pm, bedtime, dinnertime, playtime, today, yesterday, before, after, next, last, now, soon, early, late, earliest, latest, quick, quicker, quickest, quickly fast, faster, fastest slow, slower, slowest, slowly, old, older, oldest, new, newer, newest, takes longer, takes less time, how long ago? How long will it be to...? How long will it take to...? Hour, minute, second, o'clock, half past, quarter to, quarter past clock, watch, hands digital/analogue clock/watch, timer, analogue, roman numerals I to XII, digital 24-hour clock, how often? Always, never, often, sometimes, usually once, twice

TEMPERATURE degrees $^{\circ}\text{C}$

MONEY coin, note, penny, pence (p), 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, value, worth

GEOMETRY

Shape, pattern, flat, curved, straight round, hollow, solid corner, point, pointed face, side, edge, end sort, make, build, draw, surface, right-angled, vertex, vertices, layer, diagram

3D SHAPES cube, cuboid, pyramid, sphere, hemi-sphere cone, cylinder, prism

2D SHAPES circle, circular, semi-circle, triangle, triangular, square, rectangle, rectangular, star pentagon, pentagonal, hexagon, hexagonal, octagon, octagonal, quadrilateral

PATTERNS AND SYMMETRY size bigger, larger, smaller symmetrical line of symmetry fold match mirror line, reflection pattern repeating pattern

POSITION, DIRECTION AND MOVEMENT position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back before, after beside, next to opposite apart between middle, edge centre corner direction journey, route, map, plan left, right up, down higher, lower forwards, backwards, sideways across close, far, near along through to, from, towards, away from ascend, descend grid row, column clockwise, anti-clockwise compass point north, south, east, west (N, S, E, W) horizontal, vertical diagonal movement slide roll whole turn, half turn, quarter turn angle, ...is a greater/smaller angle than right angle straight line stretch, bend

STATISTICS

Count, tally, sort, vote, graph, block graph, pictogram, represent, group, set, list, chart, bar chart table, frequency table, Carroll diagram, Venn diagram, label, title, axis, axes, diagram, most popular, most common, least popular, least common, scale

Instructions

Listen, join in, say recite, think, imagine, remember, start from, start with, start at,

Look at, point to, show me, put, place fit, arrange, rearrange, change, change over, split, separate

Carry on, continue repeat, what comes next? Predict, describe the pattern, describe the rule

Find, find all, find different, investigate, choose, decide, collect, use, make, build, tell me, describe name, pick out, discuss, talk about, explain, explain your method, explain how you got your answer give an example of... show how you... show your working

Read, write, record, write in figures, present, represent, interpret, trace, copy, complete, finish, end

Fill in, shade, colour, label tick, cross, draw, sketch, draw a line between, join (up) ring, arrow, cost, count, tally, calculate, work out, solve, investigate, question, answer, check,

General

Same, different, missing number/s number facts, number pairs, number bonds, greatest value, least value, number line, number track, number square, hundred square, number cards, number grid abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board, geo-strips,

Same way, different way, best way, another way in order, in a different order, not all, every, each

Year 4

NUMBER

PLACE VALUE, ORDERING AND ROUNDING units, ones tens, hundreds, thousands, ten thousand, hundred thousand, million, digit, one-, two-, three- or four-digit number, numeral, 'teens' number place, place value, stands for, represents, exchange, the same number as, as many as, equal to, of two objects/amounts: >, greater than, more than, larger than, bigger than <, less than, fewer than, smaller than, of three or more objects/amounts: greatest, most, largest, biggest, least, fewest, smallest, one... ten... one hundred... one thousand, more/less compare, order, size, first... tenth... twentieth last, last but one, before, after, next, between, half-way between, guess, how many, estimate, nearly, roughly, close to, about the same as, approximate, approximately, just over, just under exact, exactly, too many, too few, enough, not enough, round (up or down), nearest, round to the nearest ten, round to the nearest hundred, integer, positive, negative, above/below zero, minus

PROPERTIES OF NUMBERS AND NUMBER SEQUENCES number, count, how many...? Odd, even, every other, how many times? Multiple of, digit, next, consecutive, sequence, continue, predict, pattern, pair, rule, relationship, sort, classify, property, Roman numerals (I to C)

FRACTIONS AND DECIMALS part, equal parts, fraction, one whole, half, quarter, eighth third, sixth fifth, ninth, tenth, twentieth, hundredths, proportion, in every, for every, decimal, decimal

Calculations

ADDITION AND SUBTRACTION add, addition, more, plus, increase, sum, total, altogether, score double, near double, how many more to make...? Subtract, subtraction, take (away), minus, decrease leave, how many are left/left over? Difference between, half, halve, how many more/fewer is... than...? How much more/less is...? Equals, sign, is the same as, tens boundary, hundreds boundary inverse

MULTIPLICATION AND DIVISION lots of, groups of times, multiply, multiplication, multiplied by multiple of, facts to 12 x 12, product once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition array row, column double, halve share, share equally one each, two each, three each... group in pairs, threes... tens equal groups of divide, division, divided by, divided into remainder factor, quotient, divisible by, inverse

MEASUREMENT

(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, convert, perimeter, area

LENGTH width, height, depth, breadth, long, short, tall, high, low, wide, narrow, deep, shallow, thick, thin longer, shorter, taller, higher... and so on longest, shortest, tallest, highest... and so on far, further, furthest, near, close distance apart/between, distance to... from... edge, perimeter kilometre (km), metre (m) centimetre (cm), millimetre (mm) mile ruler, metre stick, tape measure

MASS bigger, small, smaller, balances, weight: heavy/light, heavier/lighter, heaviest/lightest weigh, weighs, kilogram (kg), half-kilogram, gram (g) balance, scales

CAPACITY capacity full, half full empty holds, contains litre (l), half-litre, millilitre (ml) pint container, measuring, cylinder

AREA covers, surface square centimetre (cm²)

TIME time days of the week: Monday, Tuesday... months of the year: January, February... seasons: spring, summer, autumn, winter day, week, fortnight, month year, leap year, century, millennium weekend, birthday, holiday calendar, date, date of birth morning, afternoon, evening, night, analogue, roman numerals I to XII, digital 24-hour clock, am, pm, noon, midnight today, yesterday, tomorrow before, after, next, last now, soon, early, late, earliest, latest quick, quicker, quickest, quickly fast, faster, fastest, slow, slower, slowest, slowly old, older, oldest, new, newer, newest takes longer, takes less time how long ago? How long will it be to...? How long will it take to...? Timetable, arrive, depart hour, minute, second o'clock, half past, quarter to, quarter past clock, watch, hands digital/analogue clock/watch, timer how often?

Always, never, often, sometimes, usually

TEMPERATURE degrees °C

MONEY money coin, note penny, pence (p), 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 value, worth

GEOMETRY

SHAPE AND SPACE shape, pattern, flat, line, curved, straight, round, hollow, solid, corner, point, pointed, face, side, edge, end, sort, make, build, construct, draw, sketch, centre, radius, diameter net, surface, angle, right-angled, base, square-based, vertex, vertices, layer, diagram, regular, irregular, concave, convex, open, closed count, tally, sort, vote survey, questionnaire, data graph, block graph, pictogram represent group, set list, chart, bar chart, tally chart table, frequency table Carroll diagram, Venn diagram label, title, axis, axes diagram most popular, most common least popular, least common cylinder, cylindrical, prism, tetrahedron, polyhedron

2D SHAPES 2D, two-dimensional, circle, circular, semi-circle, triangle, triangular, equilateral triangle, isosceles triangle, square rectangle, rectangular, oblong, pentagon, pentagonal, hexagon, hexagonal heptagon, octagon, octagonal, polygon, quadrilateral

PATTERNS AND SYMMETRY size, bigger, larger, smaller, symmetrical, line of symmetry, line symmetry, fold, match, mirror line, reflection, reflect, pattern, repeating pattern, translation

POSITION, DIRECTION AND MOVEMENT position, over, under, underneath, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, before, after, beside, next to opposite, apart, between, middle, edge, centre, corner, direction, journey, route, map, plan, left, right, up, down, higher, lower, forwards, backwards, sideways, across, close, far, near, along, through, to, from, towards, away from ascend, descend grid row, column origin, coordinates 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, movement, slide, roll whole turn, half turn, quarter turn, rotate angle, ...is a greater/smaller angle than, right angle, degree, straight line, stretch, bend, ruler, set square, angle measurer, compasses, quadrant

STATISTICS

Count, tally, sort, vote, survey, questionnaire, data, graph, block graph, pictogram, represent, group, set, list, chart, bar chart, tally chart, table, frequency table, Carroll diagram, Venn diagram, label, title, axis, axes, diagram, most popular, most common, least popular, least common, discrete, continuous

Instructions

Listen, join in, say, recite think, imagine, remember, start from, start with, start at look at, point to, show me, put, place, arrange, rearrange, change, change over, split, separate, carry on, continue, repeat, what comes next? Predict, describe the pattern, describe the rule, find, find all, find different investigate, choose, decide, collect, use, make, build, construct, tell me, describe, name, pick out discuss, talk about explain, explain your method, explain how you got your answer, give an example of... show how you... show your working, justify, make a statement, read, write, record, write in figures, present, represent, interpret, trace, copy, complete, finish, end, fill in, shade, colour, label, plot, tick, cross draw, sketch draw a line between, join (up), ring, arrow, cost, count, tally, calculate, work out, solve, investigate, question, answer, check

General

Same, different, missing number/s number facts, number pairs, number bonds, greatest value, least value, number line, number track, number square, hundred square, number cards, number grid abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board, pin board, geo-strips
same way, different way, best way, another way, in order, in a different order, not all, every, each

Year 5

NUMBER

PLACE VALUE, ORDERING AND ROUNDING units, ones, tens, hundreds, thousands, ten thousand, hundred thousand, million, digit, one-, two-, three- or four-digit number, numeral, 'teens' number place, place value, stands for, represents, exchange, the same number as, as many as, equal to, of two objects/amounts: >, greater than, more than, larger than, bigger than <, less than, fewer than, smaller than \geq , greater than or equal to \leq , less than or equal to of three or more objects/amounts: greatest, most, largest, biggest, least, fewest, smallest, one... ten... one hundred... one thousand more/less compare, order, size, ascending/descending order, first... tenth... twentieth last, last but one, before, after, next, between, half-way between, guess how many, estimate, nearly, roughly, close to, about the same as, approximate, approximately \approx , is approximately equal to, just over, just under, exact, exactly, too many, too few, enough, not enough, round (up or down), nearest,

round to the nearest ten/hundred, round to the nearest thousand, ten thousand, hundred thousand, integer, positive, negative above/below zero, minus, Roman numerals to 1000 (M)

PROPERTIES OF NUMBERS AND NUMBER SEQUENCES number, count, how many...? Odd, even, every other, how many times? Multiple of, digit, next, consecutive, sequence, continue, predict, pattern, pair, rule, relationship, sort, classify, property, formula, divisible (by), divisibility, factor, square number (2), one squared, two squared... (1 2, 2 2 ...), cube number (3)

FRACTIONS, DECIMALS, PERCENTAGES, RATIO AND PROPORTION part, equal parts, fraction, proper/improper fraction, mixed number numerator, denominator, equivalent, reduced to, cancel one whole, half, quarter, eighth, third, sixth, ninth, twelfth, fifth, tenth, twentieth, hundredth proportion, ratio, in every, for every, to every, as many as, decimal, decimal fraction, decimal point, decimal place, percentage, per cent, %

Calculations

ADDITION AND SUBTRACTION add, addition, more, plus, increase, sum, total, altogether, score double, near double, how many more to make...? Subtract, subtraction, take (away), minus, decrease leave, how many are left/left over? Difference between, half, halve, how many more/fewer is... than...? How much more/less is...? Equals, sign, is the same as, tens boundary, hundreds boundary, thousands, millions boundary, units boundary, tenths boundary, inverse

MULTIPLICATION AND DIVISION lots of, groups of, times, multiply, multiplication, multiplied by multiple of, product, once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition, array, row, column, double, halve, share, share equally, one each, two each, three each... group in pairs, threes... tens, equal groups of, divide, division, divided by, divided into remainder factor, quotient, divisible by, inverse,

MEASUREMENT

(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

LENGTH width, height, depth, breadth, long, short, tall, high, low, wide, narrow, deep, shallow, thick, thin, longer, shorter, taller, higher... and so on longest, shortest, tallest, highest... and so on far, further, furthest, near, close distance apart/between, distance to... from... edge, perimeter kilometre (km), metre (m) centimetre (cm), millimetre (mm) mile, yards, inches, ruler, metre stick, tape measure

MASS big, bigger, small, smaller, balances, weight: heavy/light, heavier/lighter, heaviest/lightest weigh, weighs, kilogram (kg), half-kilogram, gram (g) pounds (lb) ounces (oz) balance, scales

CAPACITY full, half full, empty, holds, contains litre (l), half-litre, millilitre (ml) pint, gallon container, measuring cylinder, volume cm^3

AREA area, covers, surface. Square centimetre (cm^2), square metre (m^2) square millimetre (mm^2)

TIME days of the week: Monday, Tuesday... months of the year: January, February... seasons: spring, summer, autumn, winter day, week, fortnight, month, year, leap year, century, millennium weekend, birthday, holiday, calendar, date, date of birth, morning, afternoon, evening, night am, pm, noon, midnight, today, yesterday, tomorrow, before, after, next, last, now, soon, early, late, earliest, latest, quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest, takes longer, takes less time, how long ago? How long will it be to...? How long will it take to...? Timetable, arrive, depart, hour, minute,

second, o'clock, half past, quarter to, quarter past, clock, watch, hands digital/analogue clock/watch, timer, 24-hour clock, 12-hour clock, how often? Always, never, often, sometimes, usually

SHAPE AND SPACE shape, pattern flat, line curved, straight, round, hollow, solid, corner, point, pointed, face, side, edge, end, sort, make, build, construct, draw, sketch, centre, radius, diameter net, surface, angle, right-angled, congruent, base, square-based, vertex, vertices, layer, diagram regular, irregular, concave, convex, open, closed, obtuse acute, reflex angles

3D SHAPES 3D, three-dimensional cube, cuboid, pyramid, sphere, hemi-sphere, spherical, cone cylinder, cylindrical, prism, tetrahedron, polyhedron, octahedron

2D SHAPES 2D, two-dimensional circle, circular, semi-circle, triangle, triangular, equilateral triangle, isosceles triangle, scalene triangle, square, rectangle, rectangular, oblong, pentagon, pentagonal hexagon, hexagonal, heptagon, octagon, octagonal, polygon, quadrilateral

PATTERNS AND SYMMETRY size, bigger, larger, smaller, symmetrical, line of symmetry, axis of symmetry, line symmetry, reflective symmetry, fold, match, mirror line, reflection, position, over, under, underneath, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, before, after, beside, next to, opposite, apart, between, middle, edge, centre, corner direction, journey, route, map, plan, left, right, up, down, higher, lower, forwards, backwards, sideways, across, close, far, near, along, through, to, from, towards, away from, ascend, descend grid, row, column, origin, coordinates, 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, parallel, perpendicular, x-axis, y-axis, quadrant, movement, slide, roll, whole turn, half turn, quarter turn, rotate, rotation, angle, ...is a greater/smaller angle than, right angle, acute, obtuse, reflex, degree, straight line, stretch, bend, ruler, set square, angle measurer, compasses, protractor

STATISTICS

Count, tally, sort, vote, survey, questionnaire, data, database, graph, block graph, line graph pictogram, represent, group, set list, chart, bar chart, bar line, chart, tally chart table, frequency table, Carroll diagram, Venn diagram, label, title, axis, axes, diagram, most popular, most common least popular, least common mode, range, maximum/minimum value, classify, outcome

Instructions

Listen, join in, say, recite, think, imagine, remember, start from, start with, start at, look at, point to, show me, put, place arrange, rearrange change, change over split, separate, carry on, continue, repeat what comes next? Predict, describe the pattern, describe the rule, find, find all, find different investigate, choose, decide collect, use, make, build, construct, bisect, tell me, describe, name, pick out, identify, discuss, talk about explain, explain your method/answer/reasoning, give an example of... show how you... show your working, justify, make a statement, read, write, record, write in figures, present, represent, interpret trace, copy, complete, finish, end, fill in, shade, colour, label, plot, tick, cross, draw, sketch, draw a line between, join (up), ring, arrow, cost, count, tally, calculate, work out, solve, convert, investigate, question, answer, check

General

Same, different missing number/s number facts, number pairs, number bonds, greatest value, least value, number line, number track, number square, hundred square, number cards, number grid abacus, counters, cubes, blocks, rods die, dice, spinner, dominoes, pegs, peg board, pin board, geo-strips, same way, different way, best way, another way, in order, in a different order, not all, every, each

Year 6

NUMBER

PLACE VALUE, ORDERING AND ROUNDING units, ones tens, hundreds, thousands, ten thousand, hundred thousand, million, digit, one-, two-, three- or four-digit number, numeral, 'teens' number, place, place value, stands for, represents, exchange, the same number as, as many as, equal, to of two objects/amounts: >, greater than, more than, larger than, bigger than <, less than, fewer than, smaller than \geq , greater than or equal to \leq , less than or equal, to of three or more objects/amounts: greatest, most, largest, biggest, least, fewest, smallest, one... ten... one hundred... one thousand more/less compare, order, size ascending/descending order, first... tenth... twentieth, hundredth, thousandth, millionth, last, last but one, before, after, next, between, half-way between, guess how many, estimate, nearly, roughly, close to, about the same as, approximate, approximately \approx , is approximately equal to, just over, just under, exact, exactly, too many, too few, enough, not enough round (up or down), nearest, round to the nearest ten/hundred/thousand/millionth, integer, positive, negative above/below zero, minus

PROPERTIES OF NUMBERS AND NUMBER SEQUENCES number, count, how many...? Odd, even, every other, how many times? Multiple of, common multiple, digit, next, consecutive, sequence, continue predict pattern, pair, rule, relationship, sort, classify, property, formula, divisible (by), divisibility, factor, factorise, common factors, square number (2), one squared, two squared... (1 2, 2 2 ...) cube number (3) prime, prime factor

FRACTIONS, DECIMALS, PERCENTAGES, RATIO AND PROPORTION part, equal parts, fraction, proper/improper fraction, mixed number, numerator, denominator, equivalent, reduced to, cancel one whole half, quarter, eighth, third, sixth, ninth, twelfth, fifth, tenth, twentieth, hundredth, thousandth, proportion, ratio, in every, for every, to every, as many as, decimal, decimal fraction decimal point, decimal place, percentage, per cent, %

ADDITION AND SUBTRACTION add, addition, more, plus, increase, sum, total, altogether, score double, near double, how many more to make...? Subtract, subtraction, take (away), minus, decrease leave, how many are left/left over? Difference between, half, halve, how many more/fewer is... than...? How much more/less is...? Equals sign =, is the same as, tens boundary, hundreds boundary units boundary, tenths boundary hundredth boundary, thousandths boundary, inverse

MULTIPLICATION AND DIVISION lots of, groups of times, multiply, multiplication, multiplied by multiple of, product, once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition, array, row, column, double, halve, share, share equally, one each, two each, three each... group in pairs, threes... tens, equal groups of, divide, division, divided by, divided into remainder, factor, quotient, divisible by, inverse

ALGEBRA

Algebraic, symbols, x, a b etc., variable, unknown, formula, formulae, generate

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

LENGTH width, height, depth, breadth, long, short, tall, high, low, wide, narrow, deep, shallow, thick, thin, longer, shorter, taller, higher... and so on longest, shortest, tallest, highest... and so on far, further, furthest, near, close, distance apart/between, distance to... from... edge, perimeter, circumference, kilometre (km), metre (m) centimetre (cm), millimetre (mm) mile, yard, feet, foot, inches, inch, ruler, metre stick, tape measure, compasses, convert

MASS big, bigger, small, smaller, balances, weight: heavy/light, heavier/lighter, heaviest/lightest weigh, weighs tonne, kilogram (kg), half-kilogram, gram (g) pound (lb), ounce (oz) balance, scales

CAPACITY full, half full, empty, holds, contains litre (l), half-litre, centilitre (cl), millilitre (ml) pint, gallon container, measuring cylinder, volume, cm^3 , m^3 , mm^3 , km^3

AREA covers, surface, square centimetre (cm^2), square metre (m^2) square millimetre (mm^2)

TIME days of the week: Monday, Tuesday... months of the year: January, February... seasons: spring, summer, autumn, winter day, week, fortnight, month year, leap year, century, millennium, weekend, birthday, holiday, calendar, date, date of birth, morning, afternoon, evening, night, am, pm, noon, midnight, today, yesterday, tomorrow, before, after, next, last, now, soon, early, late, earliest, latest, quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly old, older, oldest, new, newer, newest, takes longer, takes less time, how long ago? How long will it be to...? How long will it take to...? Timetable, arrive, depart, hour, minute, second, o'clock, half past, quarter to, quarter past, clock, watch, hands digital/analogue clock/watch, timer 24-hour clock, 12-hour clock Greenwich Mean Time, British Summer Time, International Date Line, how often? Always, never, often, sometimes, usually

GEOMETRY

SHAPE AND SPACE shape, pattern, flat, line, curved, straight round, hollow, solid, corner point, pointed, face, side, edge, end, sort, make, build, construct, draw, sketch, centre, radius, diameter circumference, concentric, arc, net, surface, angle, right-angled, congruent, intersecting, intersection plane, base, square-based, vertex, vertices, layer, diagram, regular, irregular, concave, convex, open, closed, tangram

3D SHAPES 3D, three-dimensional, cube, cuboid, pyramid, sphere, hemi-sphere, spherical, cone cylinder, cylindrical, prism, tetrahedron, polyhedron, octahedron, dodecahedron

2D SHAPES 2D, two-dimensional, circle, circular, semi-circle, triangle, triangular, equilateral triangle, isosceles triangle, scalene triangle, square, rhombus, rectangle, rectangular, oblong, pentagon, pentagonal, hexagon, hexagonal, heptagon, octagon, octagonal, polygon, quadrilateral, kite parallelogram, trapezium

PATTERNS AND SYMMETRY size, bigger, larger, smaller, symmetrical, line of symmetry, axis of symmetry, line symmetry, reflective symmetry, fold, match, mirror line, reflection, reflect pattern, repeating pattern, translation,

POSITION, DIRECTION AND MOVEMENT position, over, under, underneath, above, below, top, bottom, side on, in, outside, inside, around, in front, behind, front, back, before, after, beside, next to opposite, apart, between, middle, edge, centre, corner, direction, journey, route, map, plan, left, right up, down, higher, lower, forwards, backwards, sideways, across, close, far, near, along, through, to, from, towards, away from ascend, descend, grid, row, column, origin, coordinates 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, parallel, perpendicular x-axis, y-axis quadrant, first, second, third, fourth quadrant, movement slide, roll whole turn, half turn, quarter turn, rotate, rotation, angle, ...is a greater/smaller angle than right angle, acute, obtuse, reflex, degree, straight line, stretch, bend, ruler, set square, angle measurer, compasses, protractor

STATISTICS

Count, tally, sort, vote, survey, questionnaire, data, database, graph, block graph, line graph pictogram, represent, group, set, list, chart, bar chart, bar line, chart tally chart, table, frequency table, Carroll diagram, Venn diagram, label, title, axis, axes, diagram, most popular, most common least popular, least common, mode, range, mean, average, median, statistics, distribution maximum/minimum value, classify, outcome

Instructions

Listen, join in, say, recite, think, imagine, remember, start from, start with, start at, look at, point to, show me, put, place arrange, rearrange, change, change over, adjusting, adjust, split, separate

Carry on, continue, repeat, what comes next? Predict, describe the pattern, describe the rule

Find, find all, find different, investigate, choose, decide collect, use, make, build, construct, bisect

Tell me, define, describe, name, pick out, identify, discuss, talk about, explain, explain your method/answer/reasoning, give an example of... show how you... show your working, justify, make a statement, read, write, record, write in figures, present, represent, interpret, trace, copy, complete, finish, end, fill in, shade, colour label, plot, tick, cross draw, sketch draw a line between, join (up), ring, arrow, cost, count, tally, calculate, work out, solve, convert, investigate, interrogate (data), question, prove, answer, check

General

Same, identical, different, missing number/s number facts, number pairs, number bonds, greatest value, least value, number line, number track, number square, hundred square, number cards, number grid, abacus, counters, cubes, blocks, rods die, dice, spinner, dominoes, pegs, peg board, pin board, geo-strips, same way, different way, best way, another way, in order, in a different order
not all, every, each