

Number and Place Value

EYFS: Key Vocabulary

Number: zero number one, two, three ... to twenty and beyond teens numbers, eleven, twelve ... twenty nine how many ...? count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens is the same as more, less odd, even few pattern pair

Place value: ones tens digit 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 less, ten less compare order size first, second, third... twentieth last, last but one before, after next between

Estimating: guess how many ...? estimate nearly close to about the same as just over, just under too many, too few enough, not enough

KS1: Key Vocabulary

Back, backwards, compare, count in twos, count in tens, count in fives, continue, forward, forwards, greater than>, less than<, multiple of, nearest ten, number fact, numeral, one-digit number, partition, place, place value, predict, represents, rounds, sequence, stands for, ones, tens, hundreds, thousands, two-digit number, 'teens number', zero, fewer, least, count, greatest, smallest, fewest, exchange, the same number as, equal to, greater, more, larger, bigger less, fewer, smaller, biggest, smallest one more, ten more one less, ten less compare, order, size first, second, third..., odd, even, variation

Lower KS2: Key Vocabulary

Place value, digit, order, compare, round, rounded to, negative number, positive number, partition, digit, Roman Numeral, units, tens, ones, hundreds, thousands, ten thousand, hundred thousand, million, whole, part whole, base ten, number track, represents, exchange, >greater than <, less than, greatest, most, largest, least, fewest, smallest, between, half-way, estimate, roughly, close to, approximate, exact, comparison symbols, inequality symbols, exactly, round, strategy, integer, positive, negative above/below zero odd, even, every other, next, consecutive, sequence, continue, predict, pattern, pair, rule, relationship, sort, classify, property, , cumulative, variation

Upper KS2 : Key Vocabulary

Millions, hundred thousands, ten thousands, thousands, hundreds, tens, ones, tenths, hundredths, place value, greater than, less than, equal to, compare, order, round, rounded, negative number, positive number, partition, digit, interval, sequence, linear sequence, pattern ascending, descending, value, place holder, between, count backwards, count forwards, decimal place, decimal point, digit, integer, sequence, size, roman numerals, , cumulative, variation

Number: Addition and Subtraction

EYFS: Key Vocabulary

add, more, and make, sum, total altogether double one more, two more ... ten more
how many more to make ...? how many more is ... than ...? how much more is ...?
take away 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

KS1: Key Vocabulary

Bridging ten, counting on, check, inverse operation, make, partition, partitioning,
plus, tens, boundary, add, addition, addition facts, all together, commutative, more,
sum, total, different, exchange, minus, take away, subtract, subtraction, subtraction
facts, partition, difference, more, plus make, sum, total altogether score double,
near double one, two, ten, one hundred more, half, halve, equals, equal to

Lower Key Stage 2: Key Vocabulary

Add, subtract, addition, subtraction, calculation ,increase, sum, total, altogether,
double, minus, plus, increase, decrease , more, less, altogether, difference, double,
half, take away, exchange, mentally, orally, column addition, column subtraction,
method, estimate, inverse operation, solve problem, number facts, multiple
exchanges, round

Upper KS2: Key Vocabulary

Add, total, make, plus, sum, formal column method, more, altogether, difference,
subtract, less, minus, take away , estimate, inverse operation, number facts, place
value, place holder, approximate, exchange, decimal place, decimal point, even,
integer, ones, tens, hundreds ,thousands, ten thousands, hundred thousands,
millions, tenths, hundredths, round, symbol

Number: Multiplication and Division

EYFS: Key Vocabulary

sharing doubling halving number patterns

KS1: Key Vocabulary

Array, column, row, groups of, multiple of, multiplied by, multiply, multiplication facts, repeated addition, times, divided, divided by, division facts, equal groups of, grouping, remainder, repeated subtraction, double, halve share, share equally, commutative law

Lower KS2: Key Vocabulary

Multiply, groups of, lots of, equal groups of, repeated division, times, divide, divisible by, divisor, division facts, share, group, remainder, factor, common factor, multiple, product, formal written method, short multiplication, multiplier, multiplicand, short division, inverse, table, commutative, distributive, equivalent, quotient, arrays, commutative law, inverse, concrete methods, pictorial methods

Upper KS2 : Key Vocabulary

Multiply, groups of, times, divide, share, remainder, share equally, division, divided by, divisible by, factor, quotient, inverse, factor pairs, prime number, prime factor, multiple, common multiples, common factors, short division, long division, BODMAS, estimate, composite number, mental method, decimal, square number, cubed number, rounding, order of operations, formal written method, ratio, proportion

Number: Fractions, decimals, percentages

KS1: Key Vocabulary

Divide, equal parts, equivalent, four quarters, fraction, group, group equally, one half, $\frac{1}{2}$ $\frac{1}{4}$, one half, one quarter, one whole, part, share, share equally, one third, two thirds, two quarters, three quarters, two halves

Lower K2: Key Vocabulary

numerator, denominator, unit fraction, non-unit fraction, equivalent fraction, factor, integer, quantities, whole, halves, quarters, fifths, sixths, sevenths, eighths, ninths, tenths, elevenths, twelfths, quantities, proportion, fraction, add, convert, count up, count down,

Decimals, decimal point, decimal place, place value, tenths, hundredths, decimal tenths, decimal hundredths, part-whole model, rounding, decimal point, place value, whole number

Upper KS2: Key Vocabulary

numerator, denominator, unit fraction, non unit fraction, whole, equivalent, mixed number, proper/improper fraction, simplest form, multiple, common denominator, common numerator, tenths, hundredths, decimal equivalents, part whole model, rounding, decimal point, place value, whole number, nearest tenth, nearest hundredth, part, equal parts fraction, reduced to, cancel one whole half, quarter, eighth third, sixth, ninth, twelfth fifth, tenth, twentieth, the proportion, ratio, percentage, %

Measurement

EYFS: Key Vocabulary

Measurement:

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

Length: metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, near, close

Time: time days of the week, Monday, Tuesday ... day, week birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock clock, watch, hands

Weight: weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales

Capacity and Volume: full empty half full holds container

Money: coin penny, pence, pound price, cost buy, sell spend, spent pay

KS1: Key Vocabulary

Size, compare measuring scale guess, estimate length, width, height, longer, shorter, taller, higher... metre (m), centimetre (cm) ruler, metre stick, tape measure weigh, weighs, balances heavy/light, heavier/lighter, kilogram (kg), half-kilogram, gram(g) balance, scales, weight capacity full, half full, empty, contains litre (l), half-litre, millilitre (ml)

time days of the week, months of the year, seasons day, week, fortnight, month, year, weekend, morning, afternoon, evening, night, midnight, today, yesterday, tomorrow hour, minute, second o'clock, half past, quarter to, quarter past clock, watch, hands digital/analogue clock/watch

money, coin, change, total penny, pence, pound, (£) price, cost, buy, bought, sell, sold, spend, spent, pay

Lower KS2: Key Vocabulary

Calculate, convert, estimate, measure, measurement, measurement equipment, perimeter, rectilinear, side, width, area, squares, rectangle

Money, amount, change, combinations, estimate, decimal, pence, penny. pounds, round ,value, convert, price, cost buy, bought, sell, sold spend, spent, pay, change,

Minute hand, hour hand, O'clock, quarter past, half past, quarter to, 12 hour time, 24-hour time, digital clock, Roman Numerals, analogue, hours, minutes, seconds, midday, midnight, noon ,am, pm, clock, watch leap year, week, month, year, day, century, millennium, timetable, arrive, depart hour,

Compare unit, standard unit metric unit, imperial unit measuring scale, estimate approximately, perimeter kilometre (km), metre (m), centimetre (cm), millimetre (mm) mile
Mass: gram (g) balance kilogram (kg), half-

Upper KS2: Key Vocabulary

Cubed, area, cross section, prism, cube, cuboid, face, length, height, width, depth, properties, unit, standard unit metric unit, imperial unit measuring scale, estimate approximately perimeter kilometre (km), metre (m), centimetre (cm), millimetre (mm) mile ruler, metre stick, tape squared (cm²) (m²) (mm²) kilogram (kg), half-kilogram, gram (g) litre (l), half-litre, millilitre (ml) pint area, covers, surface leap year, century, millennium am, pm, noon, midnight 24-hour, 12-hour o'clock, half past, quarter to, quarter past clock, watch, hands digital/analogue clock/watch, timer price, cost buy, bought, sell, sold spend, spent, change total, amount, value, discount, currency

Geometry: Position and Direction

EYFS: Key Vocabulary

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

KS1: Key Vocabulary

Apart, beside, between, centre, corner, edge, middle, next to, opposite, order, over, pattern, position, anti-clock wise, clock-wise, direction, half turn, journey, left, quarter turn, right, right angle, rotation, straight line, turn, whole turn

Lower KS2: Key Vocabulary

Position, direction, quadrant, first quadrant,
Quadrant, translation, y-axis, x-axis, vertex, vertices, position, brackets, coordinates, plotting, movement, right, left, point, integer, 2-d grid, up, down, polygon, orientation

Upper KS2: Key Vocabulary

Quadrant, translation, y-axis, x-axis, reflection, coordinate, identify, parallel, plot, reflect, describe, quadrant, first/second/third/forth quadrant, represents, position, translate, axis, reflect, clockwise, anti-clockwise

Geometry: Properties of Shape

EYFS: Key Vocabulary

shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller symmetrical pattern, repeating pattern match 2-D Shape corner, side rectangle (including square) circle triangle 3-D Shape face, edge, vertex, vertices cube pyramid sphere cone

KS1: Key Vocabulary

shape, pattern flat, curved, straight, round hollow, solid corner face, side, edge, end make, build, draw 3D shapes: square, cube, cuboid, pyramid, sphere, cone, cylinder 2D shapes: circle, circular, triangle, triangular, square rectangle, rectangular, star, pentagon, hexagon, octagon, pentagon, polygon, quadrilateral

Angle, apex, corner, curve, line, line of symmetry, side, straight, edge, face, vertex, vertices, bigger, larger, smaller symmetrical, line of symmetry fold, match mirror line, reflection repeating pattern

Lower KS2: Key Vocabulary

2-D, shape, 3-D shape, polygon, isosceles, equilateral, scalene, quadrilateral, rhombus, parallelogram. Trapezium, trapezium, kite, regular/irregular shape, triangles, right angle triangle, isosceles triangle, scalene triangle, equilateral triangle, right angle triangle, quadrilaterals, four sides, equal length, order, , flat, curved, edge, vertex, vertices, face, side,

angle, degrees, protractor orientation, turn, half turn, three quarter turn, complete turn, horizontal lines, parallel line, vertical lines, perpendicular lines, right angle, acute, obtuse, right angle, horizontal, vertical, diagonal, parallel, perpendicular, two-dimensional, ,

Lines of symmetry, patterns, reflection, line of symmetry, reflection, mirror line, multiple lines of symmetry, mirror lines vertical, horizontal, diagonal, symmetrical, compare, classify, geometric,

Upper KS2: Key Vocabulary

Angle, right angle, acute, obtuse, reflex, protractor, horizontal, vertical, parallel, perpendicular, polygon, regular, irregular, two-dimensional, three-dimensional, flat face, curved surface, edge, curved edge, vertex, apex flat, side, centre, radius, concave, convex, congruent, diameter, circumference, net, length, width, depth

Polygon, isosceles, equilateral, scalene, quadrilateral, rhombus, parallelogram. Trapezium, trapezium, kite, regular/irregular shape, triangles, right angle triangle, isosceles triangle, scalene triangle, equilateral triangle, right angle triangle, quadrilaterals, cube, cuboid, square-based pyramid, cone, tetrahedron, octahedron triangular prism, cylinder, sphere, hemi-sphere, spherical 2D shape names equilateral triangle, isosceles triangle, scalene triangle, symmetrical, line of symmetry, reflection, reflect

Statistics

EYFS: Key Vocabulary

count, sort group, set list

KS1 Key Vocabulary

Bar charts, pictogram, tables, axis, scale, tally, sort, vote survey, questionnaire, data, graph, block graph, Carroll diagram frequency table, tally chart, discrete data, continuous data, time graph, sum, difference, comparison, interpret, frequency tables, interpret data, present data, read data, Venn diagram label, title, most popular, most common, least popular, least common

Block diagram, block graph, compare, count, label, list, most common, least common, most popular, least popular, pictogram, sort, set, represent, table, tally, tally chart, total

Lower KS2: Key Vocabulary

Bar charts, pictogram, tables, axis, scale, tally, sort, vote survey, questionnaire, data, graph, block graph, Carroll diagram frequency table, tally chart, discrete data, continuous data, time graph, sum, difference, comparison, interpret, frequency tables, interpret data, present data, read data, Venn diagram, label, title, most popular, most common, least popular, least common

Upper KS2 : Key Vocabulary

Interpret data, present data, read data, bar charts, pictogram, axis scale, tall, short, vote, axis, scale, tally, survey, questionnaire, graph, tally chart, table, frequency, Carroll diagram, Venn diagram, label, title, most popular, most common, least popular, least common, line graph, bar line chart, fair, unfair, likely, unlikely, likelihood, certain, uncertain, probable, possible, maximum, minimum, classify, outcome