



Mathematics

Number and Place Value

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery & Reception	Count, subitise, order, ordinal, compare, forwards, backwards, numerals, digit, one more, one less, equal, more than, less than, fewer
Years 1 & 2	Sort, represent, multiples, partitioning, ones, tens, count in steps, count in multiples, place value, estimate, compare
Years 3 & 4	Ascending, descending, 10 more, 100 more, 1000 more, 10 less, 100 less, 1000 less, thousands, hundreds, tens, ones, negative numbers, roman numerals, rounding
Years 5 & 6	Ten thousands, hundred thousands, millions, ten millions, powers of, integer

Four Operations – addition, subtraction, multiplication and division

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery & Reception	Double, half, twice as many, equal, unequal, share, group, odd, even
Years 1 & 2	Multiplication, division, arrays, multiplication tables, commutative, repeated addition
Years 3 & 4	Exchange, mathematical statements, missing numbers, derived facts, factor pairs, formal written layout, distributive law, remainders
Years 5 & 6	Multiples, factors, prime numbers, square numbers, cube numbers, short division, product, dividend, divisor, quotient, operations, long division

Geometry – shape

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery & Reception	2d shapes, rectangle, square, circle, triangle, 3d shapes, cuboids, cubes, cone, spheres, curved, straight, flat,
Years 1 & 2	Pyramids, sides, corners, properties, characteristics, faces, pentagon, hexagon, line of symmetry, cylinder, edges, vertices, vertex
Years 3 & 4	Right-angle triangle, heptagon, octagon, polygon, prism, isosceles, equilateral, scalene, trapezium, rhombus, parallelogram, kite, geometric shapes, quadrilaterals, orientation, angles, acute, obtuse, turn, half turn, right angle, horizontal, vertical, perpendicular, parallel
Years 5 & 6	Regular polygon, irregular polygon, radius, diameter, circumference, dimensions, reflex, degrees, whole turn, angles on a straight line, angles on a point, vertically opposite

Geometry – position and direction

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery & Reception	Over, under, between, around, through, on, into, next to, behind, beneath, order, repeat, patterns, on top of
Years 1 & 2	Position, direction, movement, whole turn, quarter turn, half turn, three-quarter turn, clockwise, anti-clockwise, straight line, rotation, arrange, sequences
Years 3 & 4	Co-ordinates, first quadrant, grid, translation, plot, polygon, axis
Years 5 & 6	Reflection, four quadrants

Measurement – length, height, weight and capacity

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery & Reception	Measure, wide(er), narrow(er), compare, long(er)(est), short(er)(est), length, height, tall(er), weight, capacity, heavy, light, big/bigger/biggest, full, empty, more than, less than, half, half full
Years 1 & 2	Compare, units, estimate, order, record, centimetre, metre, mass, volume, kilogram, gram, quarter full, three-quarters full, litres, millilitres, temperature, Celsius
Years 3 & 4	Millimetre, perimeter, kilometer, rectilinear figure, area
Years 5 & 6	Decimal notation, scaling, metric units, imperial units, inches, compound shapes, irregular shapes, square centimetres, square metres, cubic centimetre, pounds, pints, conversion, miles, formulae, feet, cubic metre, cubic millimetre, cubic kilometre, gallons, stones, ounces

Measurement – time and money

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery & Reception	Time, quicker, slower, earlier, later, before, after, first, next, today, yesterday, tomorrow, morning, afternoon, evening, day, week, hour, minutes
Years 1 & 2	Chronological order, days of the week, months of the year, month, year, o'clock, half past, second, intervals of time, quarter past/to, duration, money, coins, notes, pounds, pence, value, change
Years 3 & 4	Analogue clock, roman numerals, 12-hour clock, 24-hour clock, a.m/p.m, noon, midnight, leap year, digital, convert
Years 5 & 6	

Fractions, decimals and percentages

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery &	

Reception	
Years 1 & 2	Whole, half, part, quarter, equal part, three quarters, third, equivalent, numerator, denominator, one whole
Years 3 & 4	Tenths, decimal equivalence, hundredths, convert, proper fractions, improper fractions, decimal point
Years 5 & 6	Fifth, thousandths, mixed numbers, percent, factors, integer, complements

Statistics

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery & Reception	
Years 1 & 2	Pictograms, tally chart, block diagram, category, sorting, totalling, comparing, horizontal, vertical
Years 3 & 4	Table, bar chart, time graph, discrete data, continuous data, line graph, comparison, sum, difference, calculate, interpret
Years 5 & 6	Timetable, two-way table, pie chart, mean

Algebra, ratio and proportion

Year-group(s)	Vocabulary/Statement(s)
ARB, Nursery & Reception	
Years 1 & 2	

Years 3 & 4	
Years 5 & 6	Formulae, linear, algebraically, equation, unknowns, combinations, variables, relative size, missing value, percentages, scale factor