

Boxford Primary Maths progression of vocabulary – 2025

Generic maths vocabulary: Digit, integer, number, answer, solution, solve, work out, systematic, group, share, sort, diagram, represent, pattern, relationship, rule, sequence, explain, correct, incorrect, true, false, agree, disagree, same, different, bar model, part-whole model, formal method, equal to, more, less, greater than, fewer, less than, largest, greatest, least, most, estimate, approximately

	Number – Place Value	Number – Addition and Subtraction	Number – Multiplication and Division	Number – Fractions	Measurement	Geometry – Shape	Geometry – Position and direction	Statistics
Foundation	Number; zero; numbers to 20; count, forwards, backwards; how many, more, fewer, equal, group; order, largest, smallest, less; even, odd.	One more, one less, altogether, how many are left? Same, different, number bond, part-whole, add, take-away,	Double, half, halve, halving, pairs, twice as many, share, equal, unequal, group, left over	Half, halve, halving	Now, before, soon, later, after, next, fastest; time, yesterday, today, tomorrow, day, week, weekend, month, year; Days of the week: Monday, Tuesday, etc. Seasons: spring, summer, autumn, winter; birthday, holiday; Morning, afternoon, evening, night, midnight bedtime, dinner/lunch time, playtime; length, height, breadth, tall, short, long, tallest, shortest, longest, longer/shorter, taller/shorter, wider/narrower,	Shape, circle, triangle, rectangle, square, side, straight, curved, cylinder, cube, cuboid, cone, sphere, pyramid, face, same, different, pattern.	On, next to, over, under, around, through.	

					weigh, weight, heavy, heavier, heaviest, light, lighter, lightest, balance			
Year 1 (as foundation stage, plus)	Numbers to 100; place value; digit, integer; symbol; compare; equal to, more, less, greater than, fewer, less than, greatest, smallest; first, second, third...last; ones, tens, partition, exchange; order, largest, smallest, biggest, least, most.	Number bonds, part, whole; plus; fact family, addition sentence, number sentence; how many more; number line; commutative; addition, more, make, sum, total, add together, altogether; calculation; Inverse equals, is the same as, (including equals sign); subtract, subtraction, take away, minus; difference between, what is the difference? how many more?, how many less? how much more is? how many fewer is?, how much less is?	How many altogether? How many are there?; groups, groups of, equal groups, unequal groups; row, column, array; number sentence; double, doubles; equal groups of 2, equal groups of 5, equal groups of 10; share, sharing, equally, odd, even.	Whole, parts, equal parts, the same; split; groups; share; equally; quarter; four equal parts One half, two halves A quarter, two quarters	Length, measure, measuring; ruler, cm; mass; balance, scale; volume, full, half full, quarter full, empty; capacity; holds, Container; money; value; coin; note; amount; 1p, 2p, 5p, 10p, 20p, 50p, £1, £2, £5, £10; hour, o'clock, half past, clock, watch, hands; hour, minute, second; 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	Polygon, 2D, 3D, group, sort, corner (point, pointed) Face, side, edge Make, build, draw.	Turn, full, half, quarter, three quarter; direction; movement, move; position; left, right, up, down; top, bottom, middle, above, below, between; in front, behind.	
Year 2	2-digit; base 10; pattern; sequence; Numbers to one hundred Hundreds Partition, recombine	Bar model; operation, inverse operation; column; exchange; bridge; method;	Times-table; facts; multiples; repeated addition; lots of; of; multiply; multiplied by; times; commutative;	Two quarters, three quarters, one third, two thirds; unit fraction, numerator, denominator, vinculum;	distance; metres; g/kg; ml/l; temperature, thermometer, degrees Celsius, increase, decrease, warmer, colder;	Pentagon, hexagon, octagon, quadrilateral; prism; vertices, vertex; rotate; Symmetry, symmetrical, line of symmetry;	Direction, forwards, backwards; right angle; rotation, Clockwise, anticlockwise.	Count, tally, tally chart, table; data, represent, sort; pictogram, symbol; block diagram, axis; label, title, scale; most popular,

	Hundred more/less		twos, fives, tens, threes; array; go into; divide, divide between, division, dividing; grouping, sharing;	equivalence, equivalent.	quarter past/to, 5 past, 10 past, twenty to etc, start, duration, end, interval, how long...? When did it start /end /finish...?, seconds;	horizontal, vertical; Fold; pattern, repeating pattern.		most common, least popular, least common; Venn diagram, Carroll diagram
Year 3	Numbers to one thousand; 3- digit; thousand; ascending, descending;	Column, column addition and subtraction; regroup; efficient; estimate	Fours, eights; remainder; divisor, dividend, quotient	Non-unit fraction; tenths, two tenths, three tenths etc; two thirds; fifth, sixth, ninth; decimal, decimal point;	mm; perimeter; leap year; minutes past/to; a.m., p.m.; analogue, digital; twelve-hour /twenty-fourhour clock; Roman numerals I to XIII	Parallel, perpendicular; surface; acute angle, obtuse angle.	North, South, East, West; angle, point, acute, obtuse; ninety degrees Orientation (same orientation, different orientation)	Chart, bar chart; frequency table, Carroll diagram, Diagram
Year 4	Numbers to ten thousand; Roman numerals to one hundred; round, nearest; approximately; negative, minus, count through zero; tenths, hundredths, 0.25, 0.5, 0.75	Formal method	Sixes, sevens, nines; produce, product; associative law; commutativity; factor, factor pair; formal method;	Proper fraction, improper fraction, mixed number; hundredths; Gattegno chart	Km; rectilinear; area, square centimetres; warmest, coldest	Isosceles, scalene, equilateral; rhombus, parallelogram, trapezium; regular polygon; mirror line, reflect.	Coordinates, translation, first quadrant, x-axis, y-axis.	Continuous data, discrete data; line graph, x-axis, y-axis.

Year 5	Numbers to a million; Roman numerals to one thousand; powers of 10.	Place holder.	Common factor, prime number, composite number, prime factor, square number, cubed number; round up/down.	Common denominator; thousandth; simplify, simplified; convert; per cent, percentage, per hundred;	Imperial units, metric units, inches, lbs, pints; timetable; compound shape; volume, capacity, cm cubed/cubic cm.	Degrees, protractor, reflex angle; irregular polygon, dimensions; net.	Reflection, reflect.	
Year 6	Numbers to ten million. Algebra: Function, input, output; algebra, algebraic, rule; expression; substitute; formula, formulae; equation; value, possible values, enumerate.		Order of operations, BIDMAS; common multiple, lowest common multiple.	Cancel, highest common factor, common numerator. Ratio, proportion; for every_ there are_, : (to); enlargement, scale factor.	Tonnes, ounces, stone, miles.	Vertically opposite (angles), internal angles; circumference, radius, diameter, centre.	Four quadrants.	Mean, pie chart.