

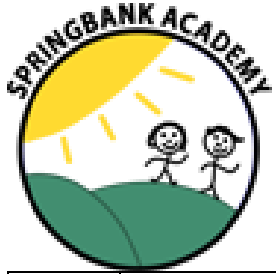


Our motto

**"Caring, Happy, Healthy, Sporty, Scientific"
sets out our mission for the school.**

Mathematics Vocabulary Progression Document

| | Number / Place Value | Number - Addition and Subtraction | Number Multiplication and Division | Number Fractions | Measurement | Geometry - Shape | Geometry - Position and Direction | Statistics |
|------|--|---|---|------------------|--|--|--|------------|
| EYFS | Numbers, zero, 0-20, count forwards, backwards, how many, more, fewer, equal, group, order, largest, smallest, | One more, one less, altogether, same, different, number bond, add take away | Double, half, pairs, share, equal, unequal. | Half | Before, later, after, next, time, yesterday, today, tomorrow, week, day, month, year Days of the week, seasons, morning, afternoon, evening, night, | 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, between | |



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| | less, odd, even | | | | midnight, lunchtime Length, height, breadth, tall, short, long, tallest, shortest, longest, longer / shorter, taller / shorter, wider / narrower weigh, weight, heavy, heavier, heaviest, light, lighter, lightest, balance | | | |
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| Year 1 | 0-100 Place value, digit, symbol, compare, equal to, more, less, greater than, fewer than, greatest, smallest, first, second, third... last; Ones, tens, partition, exchange, order, largest, smallest, biggest, least, most | Number bonds, whole, plus, addition, how many more, / less? number line, sum, total, add together, altogether, calculation, inverse, equals, the same as. Subtraction, take away, minus, difference, what is the difference, | Groups, equal groups, unequal groups, row, column, array, number sentence, double, share, odd, even. | Whole, parts, split, groups, share, quarter, half. | Length, measure, ruler, cm, mass, balance, scale, volume, full, half full, empty, capacity, container Money, value, coins, note, amount Hour, O'clock, half past, clock, hands, hour, minute, second, before, after, next, last, early, late, quick, quickest, quicker, | Polygon, 2D, 3D, group, sort, corner, point, face, side, edge | Turn, full / quarter /3 quarters, direction, movement, position, left, right, up, down, bottom, middle, above, below, between, in, front, behind. | |
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| | | | | | quickly, fast, fastest, faster, slow, slower, slowest, slowly, | | | |
| Year 2 | 2-digit, pattern, sequence, 0-100, hundreds, tens, ones, partition, | Operation, inverse, column, exchange, | X table facts, multiples, repeated addition, lots of, multiply, array, divide, division, grouping, sharing | Quarters, thirds, fractions, numerator, denominator equivalent | Change, total, distance, metres (m) grams (g) kilograms (kg) millilitres (ml) litres (l) Temperature, thermometer, degrees, Celsius, increase, decrease, warmer, colder $\frac{1}{4}$ past / to, 5 past, 10 past, | Pentagon, hexagon, octagon, quadrilateral, prism, vertices, rotate, symmetry, symmetrical, line of symmetry, horizontal, vertical, repeating pattern. | Direction, forwards, backwards, right angle, rotation, clockwise, anti-clockwise | Tally, tally chart, table, data, represent, pictogram, symbol, block, diagram, axis, label, title, scale, Venn diagram Carrol diagram |



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| | | | | | 20 to etc, start, end, interval, | | | |
| Year 3 | 0-1000 3-digit, ascending, descending | Column Regroup, efficient, estimate | Remainder, divisor | Tenths, sixths, decimal, decimal point. | Mm, perimeter, leap year, minutes past /to, am, pm, analogue, digital, 12 hour / 24 hour. | Parallel, perpendic- ular, surface, acute, angle, obtuse, acute. | North, South, East, West, angle, point, acute, obtuse, orientatio n | Bar chart, frequency table, Carroll diagram |
| Year 4 | 0-10,000 Roman numerals to 100, round, nearest, approximat ely, negative, minus, count, | Formal method | Produce, product, factor, factor pair, formal method | Proper fraction, improper fraction, mixed number, hundredths | Km, area, square cm, Warmest, coldest. | Isoceles, scalene, equilateral, rhombus, parallelogram, Trapezium, regular polygon, mirror line, reflect | Coordinat es, translatio n, quadrant, x / y axis | Continuous data, discrete data, line graph, |



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| | through, zero, tenths, hundredths 0.25, 0.5, 0.75 | | | | | | | |
| Year 5 | 0-1000000 Roman numerals to 1000 Powers of 10 | Place holder | Common factor, prime number, composite number, prime factor, square number, cubed number, round up/down | Common denominator, thousandth, simplify, percent | Imperial units, metric units, inches, Ilbs, pints, timetable, compound shape, volume, capacity, cm, cubed / cubic cm | Degrees, protractor, reflex, angle, irregular polygon, dimensions, net. | Reflection | |



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| Year 6 | 0- 10,000000 Algebra, function, input, output, algebra, expression, substitute, formula, formulae, equation, value, | | BIDMAS Common multiple, | Cancel, Ratio, proportion, enlargement, scale factor | Tonnes, ounces, stone, miles | Vertically opposite, Internal angles, circumference radius, diameter, | Four quadrants | Mean, pie chart |
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