

Bullion Lane Primary School
Progression of Vocabulary

Maths Vocabulary Progression document is designed to assist with the teaching of maths vocabulary across EYFS, KS1 and KS2. This document identifies which year group the vocabulary should be explicitly taught and introduced. However, language should be revisited in subsequent year groups to ensure children are consolidating their knowledge. Some vocabulary might be introduced earlier (eg. shapes) if necessary. Posters are available to match vocabulary and should be displayed in class when appropriate to what is being taught.

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary: Number – Place Value						
<ul style="list-style-type: none"> Number; zero; numbers to 20; count, forwards, backwards; how many, more, fewer, equal, group; order, largest, smallest, less; even, odd 	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 2-digit; base 10; pattern; sequence; Numbers to one hundred Hundreds Partition recombine Hundred more/less 	<ul style="list-style-type: none"> Numbers to one thousand; 3-digit; thousand; ascending, descending; 	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Numbers to a million Roman numerals to one thousand; powers of 10. 	<ul style="list-style-type: none"> Numbers to ten million. Algebra: Function, input, output; algebra, algebraic, rule; expression; substitute; formula, formulae; equation; value, possible values, enumerate.

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary: Number – Addition and Subtraction						
<ul style="list-style-type: none"> One more, one less, altogether, how many are left? Same, different, Number bond, part-whole, add, take-away 	<ul style="list-style-type: none"> 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? 	<ul style="list-style-type: none"> Bar model; operation, inverse operation; column; exchange; bridge; method 	<ul style="list-style-type: none"> Column, column addition and subtraction; regroup; efficient; estimate. 	<ul style="list-style-type: none"> Formal method. 	<ul style="list-style-type: none"> Place holder; efficient written method. 	<ul style="list-style-type: none"> Order of operations

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EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary: Number – Multiplication and Division						
<ul style="list-style-type: none"> • Double, • half, halve, halving, • pairs, • twice as many, • share, • equal, unequal, • group, left over. 	<ul style="list-style-type: none"> • How many altogether? • How many are there? • groups, groups of, unequal groups; • row, column, array; • number sentence; • double, doubles; • equal groups of 2, 5, 10 • share, sharing, equally; • odd, even. 	<ul style="list-style-type: none"> • Times-table; • facts; multiples; • repeated addition; • lots of; multiply; multiplied by; times; • commutative; • twos, fives, tens, threes; • array; go into; • divide, divide between, • division, dividing; • grouping, sharing. 	<ul style="list-style-type: none"> • Fours • Eights • Sixes • Remainder • Divisor • Dividend • quotient. 	<ul style="list-style-type: none"> • Sevens • Nines • Elevens • Twelves • produce, product; • associative law; • commutativity; • factor, factor pair; • formal method. 	<ul style="list-style-type: none"> • Common factor, • prime number, • composite number, • square number, • cubed number; • round up/down. 	<ul style="list-style-type: none"> • Order of operations; • BIDMAS; • common multiple, • lowest common multiple.

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary: Fractions, decimals and Percentages						
<ul style="list-style-type: none"> • Half, • halves, • halving 	<ul style="list-style-type: none"> • Whole, parts, • equal parts, the same; • split; groups; share; • equally; • quarter; four equal parts; • one half, two halves; • a quarter, two quarters. 	<ul style="list-style-type: none"> • Two quarters, • three quarters, • one third, two thirds; • unit fraction, • numerator, denominator, • vinculum; • equivalence, equivalent. 	<ul style="list-style-type: none"> • Non-unit fraction; • tenths, two tenths, three tenths etc.; • two thirds; • fifth, • sixth, • ninth; • decimal, decimal point. 	<ul style="list-style-type: none"> • Proper fraction, • improper fraction, • mixed number; • hundredths; • Gattegno chart. 	<ul style="list-style-type: none"> • Common denominator, • thousandth; • simplify, simplified; • convert; • per cent, • percentage, • per hundred. 	<ul style="list-style-type: none"> • Cancel, • highest common factor, • common numerator. • Ratio, proportion; • for every – there are –; (to); • enlargement, • scale factor.

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary: Measurement						
<ul style="list-style-type: none"> • Now, before, soon, later, after, next, • fastest; time, yesterday, today, tomorrow, day, week, weekend, month, year; 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, weight, weight, heavy, heavier, heaviest, light, lighter, lightest, balance. 	<ul style="list-style-type: none"> • Length, measure, measuring; ruler, cm; • mass; valance, scale; • volume, full, half full, quarter full, empty; • capacity; holds. container; • money; value; coin; note; amount: 1p, 2p, 5p, 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. 	<ul style="list-style-type: none"> • Change, total; • distance; metres; g/kg; ml/l; • temperature, thermometer, degrees Celsius, • increase, decrease, warmer, colder; • quarter past/to, 5 past, 10 past, twenty past, twenty to etc.; • start, duration, end, interval, how long ...? • When did it start/end/finish ...? Seconds. 	<ul style="list-style-type: none"> • Mm; • perimeter; • leap year; • minutes past/to; a.m., p.p.; • analogue, digital; • twelvel-hour/ • twenty-four hour clock; • Roman numerals I to XII. 	<ul style="list-style-type: none"> • km; • rectilinear; • area, • square centimetres; • warmest, coldest. 	<ul style="list-style-type: none"> • Imperial units, • metric units, • inches, • lbs, • pints; • timetable; • compound shape; • volume, capacity, • cm cubed / cubic cm. 	<ul style="list-style-type: none"> • Tonnes, • ounces, • stone, • miles.

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EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary: Geometry – Properties of Shapes						
<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Polygon, • 2D, 3D, • group, sort, • corner (point, pointed) face, side, edge, • make, build, draw. • Turn, full, half, quarter, three quarters; • direction; movement, move; • position; left, right, up, down' top, bottom, middle, • above, below, between; in front, behind. 	<ul style="list-style-type: none"> • Pentagon, hexagon, octagon, quadrilateral; • prism; vertices, vertex; • rotate; • symmetry, symmetrical; • horizontal, vertical; • fold; • pattern, repeating pattern. • Direction, forwards, backwards; • right angle; • rotation, clockwise, anticlockwise. 	<ul style="list-style-type: none"> • Parallel, perpendicular; • surface; • acute angle, • obtuse angle. • North, South, East, West; • angle, point, • acute, obtuse; • ninety degrees, • orientation same / different orientation 	<ul style="list-style-type: none"> • Isosceles, scalene, equilateral; • rhombus, • parallelogram, • trapezium; • regular polygon; • mirror line, • reflect. • Coordinates, • translation, • first quadrant, • x-axis, y-axis. 	<ul style="list-style-type: none"> • Degrees, • protractor, • reflex angle; • irregular polygon, • dimension; • net. • Reflection, reflect. 	<ul style="list-style-type: none"> • Vertically opposite (angles), • internal angles; • circumference, • radius, • diameter, • centre. • Four quadrants.

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Topic Vocabulary: Statistics						
		<ul style="list-style-type: none"> • Count, tally, tally chart, table; • data, represent, sort; pictogram, symbol; • block diagram, axis; • label, title, scale; • most popular, most common, least popular, least common; • Venn diagram, • Carrol Diagram. 	<ul style="list-style-type: none"> • Chart, bar chart; • frequency table, • Carrol diagram, • Venn diagram. 	<ul style="list-style-type: none"> • Continuous data, • discrete data; • line graph, • x-axis, • y-axis. 		<ul style="list-style-type: none"> • Mean, pie-chart.