**Keevil CofE Academy Maths Vocabulary Progression**

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| **Theme** | **EYFS** | **Year 1** | **Year 2** | **Year 3** | **Year 4**  | **Year 5**  | **Year 6** |
| **Number and Place Value** | Number; zero; numbers to 20; count, forwards, backwards; how many, more, fewer, equal, group; order, largest, smallest, less; even, odd | Numbers to 100; place value; digit, integer; symbol; compare; equal to, more, less, greater than, greatest, first, second, third…last; ones, tens, partition, exchange; order, biggest, least, most.  | 2-digit; base 10; pattern; sequence; Numbers to one hundred Hundreds Partition, recombine Hundred more/less  | Numbers to one thousand; 3-digit; thousand; ascending, descending;  | 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 | Numbers to a million; Roman numerals to one thousand; powers of 10.  | Millions, ten millions |
| **Addition and Subtraction** | One more, one less, altogether, how many are left? Same, different, number bond, part-whole, add, take-away | 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?  | Bar model; operation, inverse operation; column; exchange; bridge; method; | Column, column addition and subtraction; regroup; estimate.  | Four digit number, operations, methods |  |  |
| **Multiplication and Division** | Double, half, halve, halving, pairs, twice as many, share, equal, unequal, group, left over | How many altogether? How may 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, | Times-table; facts; multiples; repeated addition; lots of; of; multiply; multiplied by; times; commutative; twos, fives, tens, threes; array; go into; divide, divide between, division, dividing; grouping, sharing; | Remainder; divisor, dividend, quotient.  | Sixes, sevens, nines; produce, product; associative law; commutativity; factor, factor pair; formal method; | Common factor, prime number, composite number, prime factor, square number, cubed number; round up/down.  | Order of operations, BODMAS; common multiple, lowest common multiple, long division  |
| **Fractions, Decimals and Percentages** | Half, halve, halving | Whole, parts, equal parts, the same; split; groups; share; equally; quarter; four equal parts One half, two halves A quarter, two quarters  | Two quarters, three quarters, one third, two thirds; unit fraction, numerator, denominator, vinculum; equivalence, equivalent. | Non-unit fraction; tenths, two tenths, three tenths etc; two thirds; fifth, sixth, ninth; decimal, decimal point | Proper fraction, improper fraction, mixed number; hundredths | Common denominator; thousandth; simplify, simplified; convert; per cent, percentage, per hundred;  |  |
| **Ration and Proportion** |  |  |  |  |  |  | Missing values, percentages, scale factor,  |
| **Algebra** |  |  |  |  |  |  | Variables, combinations, unknowns, equation, algebraic, formulae |
| **Measurement**  | 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, weigh, weight, heavy, heavier, heaviest, light, lighter, lightest, balance | Length, measure, measuring; ruler, cm; mass; balance, scale; volume, full, half full, quarter full, empty; capacity; holds, Container; money; value; coin; note; amount; pounds £, pence p ; hour, o'clock, half past, clock, watch, hands; hour, minute, second; before, after next, last now, soon, early, late quick, fast, faster, fastest, slow, slower, slowest, slowly old, older, oldest, new, newer, newest  | Change, total; distance; metres; g/kg; ml/l; temperature, thermometer, degrees Celsius, increase, decrease, warmer, colder; quarter past/to, 5 past, 10 past, twenty to etc, start, duration, end, interval, how long…? When did it start /end /finish…?, seconds; | mm; perimeter; leap year; minutes past/to; a.m., p.m.; analogue, digital; twelve-hour /twenty-four- hour clock; Roman numerals I to XIII. | Km; rectilinear; area, square centimetres; warmest, coldest. | Imperial units, metric units, inches, lbs, pints; timetable; compound shape; volume, capacity, cm cubed/cubic cm. |  Tonnes, ounces, stone, miles. |
| **Geometry - Shape** | Shape, circle, triangle, rectangle, square, side, straight, curved, cylinder, cube, cuboid, cone, sphere, pyramid, face, same, different, pattern. | Polygon, 2D, 3D, group, sort, corner (point, pointed) Face, side, edge Make, build, draw. | Pentagon, hexagon, octagon, quadrilateral; prism; vertices, vertex; rotate; Symmetry, symmetrical, line of symmetry; horizontal, vertical; Fold; pattern, repeating pattern. | Parallel, perpendicular; surface; acute angle, obtuse angle. | Isosceles, scalene, equilateral; rhombus, parallelogram, trapezium; regular polygon; mirror line, reflect.  | Degrees, protractor, reflex angle; irregular polygon, dimensions; net, whole turn, angles on a line, angles around a point, missing angles | Vertically opposite (angles), internal angles; circumference, radius, diameter, centre.  |
| **Geometry – Position and Direction** | On, next to, over, under, around, through. | Turn, full, half, quarter, three quarter; direction; movement, move; position; left, right, up, down; top, bottom, middle, above, below, between; in front, behind.  | Pentagon, hexagon, octagon, quadrilateral; prism; vertices, vertex; rotate; Symmetry, symmetrical, line of symmetry; horizontal, vertical; Fold; pattern, repeating pattern. | North, South, East, West; angle, point, acute, obtuse; ninety degrees Orientation (same orientation, different orientation)  | Coordinates, translation, first quadrant, x-axis, y-axis.  | Reflect | Four quadrants |
| **Statistics**  |  |  | 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. | Chart, bar chart; frequency table, Carroll diagram,  | Continuous data, discrete data; line graph | Timetable, two-way table | Mean, pie chart.  |