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| **Progression In Mathematical Vocabulary** | | | | | | | | |
|  | **Nursery** | **Reception** | **Year One** | **Year Two** | **Year Three** | **Year Four** | **Year Five** | **Year Six** |
| *Vocabulary is cumulative. New vocabulary and phrases which are introduced in each year group.* | | | | | | | | |
| **Number and Place Value** | Part  Number  Big(ger)  Small(er)  Same | More/less  Ones  Numeral  Order  Forwards  Backwards | Count  Ten  Figure(s)  Compare  Size  Value  Between  Halfway between  Above  Below  Tens  Multiples  Equal to | Count in steps  Numbers to one Hundreds  Partition  Recombine  Place value  Digit  2 digit  Estimate  Compare | Count in multiples  Numbers to one thousand  10/100 more  10/100 less  3 digit | Count backwards  Negative numbers  1000 more/less  4 digit  Tenths  Hundredths  Decimal (places), Round (to nearest), Thousand more/less Negative integers  Count through zero, Roman numerals | Powers of 10 | Calculate intervals  Numbers to ten million |
| **Addition and Subtraction** | More  Less | Add  Altogether  Equals  Is the same as Subtract  Take away  Number bonds, | Number line Plus Make Sum Total Double Near double Difference between Minus Problems Missing number problems | Commutative  Inverse  2 digit | Column addition and subtraction  3 digit  Estimate | 4 digit  Operations  Methods | Efficient  Rounding | Order of operations  Accuracy |
| **Multiplication and Division** |  |  | Once Twice Multiple of Multiply Repeated addition Array Row Column Double Halve Share equally Group Divide Divided by Left over | Odd  Even  Multiplication tables  Commutative | Product  Scale up  Mathematical statements  Missing number problems  Integer scaling problems  Correspondence problems  N objects | Multiplication facts (up to 12x12), division facts, inverse, derive  Factor pairs  Short multiplication  Distributive law | Factors  Multiples  Composite numbers, Prime number  Prime factors  Square number Cubed number  Long multiplication Short division Remainders Decimals. | Common Factors Common multiples  Long division |
| **Measure** | Birthday  Weekend  Morning  Holiday  Today  Night  Bedtime  Dinnertime  Playtime  Yesterday  Tomorrow  Clock  Money  Coin  Quick  Fast  Slow  Slowest  Old  New  Long  Short | Time  Days of the week,  Afternoon  Evening  Before  After  Next Now Soon Early Late Quickest Fastest Slowest Oldest Newest Longest Shortest Tallest Highest How much? How many? Penny Pence Price Cost | Seasons Week Month Year Midnight O'clock Half past How long ago? How long will it? How often? Always Never Often Sometimes Usually Estimate Close to About the same as Length Width Height Depth Narrow Shallow Metre stick Pound Spent Change Costs more/less | Quarter past/to, Kilometres  Grams  Kilograms, Millimetres  Litres  Temperature, Degrees | Leap year  Twelve-hour/twenty-four-hour clock, Roman numerals | Convert | Volume  Imperial units  Metric units |  |
| **Geometry Position and Direction** | Up  Down  Forwards  Backwards  To  From | Before  After  Beside  Next to  Between  Turn  Stretch  Near  Roll  Middle  Edge  Across | Opposite  Apart  Centre  Corner  Direction  Left  Right  Sideways  Close  Along  Towards  Away from  Movement  Whole turn  Half turn, | Rotation  Clockwise Anticlockwise Straight line  Ninety degree turn Right angle | Greater/less than Ninety degrees, Orientation | Co-ordinate Translate  Quadrant  X-axis  Y-axis  Perimeter  Area | Reflex angle  Dimensions | Four quadrants (for co-ordinates) |
| **Geometry Properties of shape** | Square  Triangle  Circle  Rectangle | Edge  Side  Corner (point, pointed)  Pattern | Face  Make  Build  Draw | Size  Bigger  Larger  Smaller  Symmetrical  Line of symmetry  Mirror line  Reflection  Repeating pattern | Horizontal  Perpendicular Parallel lines | Quadrilaterals  Triangles  Right, acute and obtuse angles | Regular and irregular polygons | Vertically opposite (angles), Circumference Radius  Diameter |
| **Fractions, decimals and percentages** |  |  | Whole  Equal parts  Four equal parts  One half  Two halves  A quarter  Two quarters | Three quarters  One third  A third  Equivalence  Equivalent | Numerator  Denominator  Unit fraction  Non-unit fraction Compare and order Tenths | Equivalent  Decimals | Proper fractions Improper fractions Mixed numbers Percentage  Fifths  Ratio  Proportion | Degree of accuracy  Simplify |
| **Algebra** |  |  |  |  |  |  |  | Linear number sequence  Substitute  Variables  Symbol  Known values |
| **Data & Statistics** |  |  |  | Count  Tally  Sort  Vote  Graph  Block graph  Pictogram  Represent  Group  Set  List  Table  Label  Title  Popular  Common | Chart  Bar chart  Frequency table Carroll diagram  Venn diagram  Axis | Continuous data  Line graph |  | Mean  Pie chart  Construct |