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| Subject | **Sequential and Progressive Vocabulary** | | | | | | | | |
| Y1&2 | **Autumn**  **Childhood** | | | **Spring**  **Bright Lights, Big City** | | | **Summer**  **School Days** | | |
| Significant people, artwork & movements | Florence Nightingale | **Albert Einstein** | | Alan Turing | Euclid | | **Marjorie Lee Browne** | | Benjamin Banneker |
| Y1 Tier 2 | Say, think, imagine, remember  Point to  Place, fit  Rearrange  Change, change over  Split, separate  Carry on, continue, repeat & what comes next?  Tell me, describe, pick out, talk about, explain, show me  Read, write, record, trace, copy, complete, finish, end  Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow  Cost  Answer, check same number(s)/different number(s)/missing number(s) | | | | | | | | |
| Y1  Tier 3 | Within 20  Zero, one, two, three to twenty, and beyond  Many  Few, fewer, fewest Smallest, lesser  Equal to  The same as  Odd, even  Pair  Ten more/less  Digit  Figure(s)  Compare (In) order/a different order  Size  Value  Between, halfway between  Above, below | Near double  Halve  Equals, is the same as (including equals sign)  Difference between  How many more to make...?  How many more is...than...?  How much more is...?  How many fewer is...than.?  How much less is...?  Hollow  Corner (point, pointed)  Face  Make, build, draw | | Within 50  Zero, one, two, three to twenty, and beyond  Many, few, fewer, fewest  Smallest, lesser  Equal to  The same as  Odd, even  Pair  Ten more/less  Digit  Figure(s)  Compare (In) order  A different order  Size  Value  Between, halfway between  Above, below | Scales  Always, never, often, sometimes, usually  Low, wide, narrow Deep, thick, thin  Far, near, close  Metre  Ruler  Metre stick | | Odd, even  Count in twos, threes, fives  Count in tens (forwards from/backwards from)  How many times?  Lots of, groups of  Once, twice, three times, five times  Multiple of, times, multiply  Repeated addition  Double, halve  Share, share equally  Group in pairs, threes, etc.  Equal groups of  Divide, left, left over  Opposite  Apart  Edge, centre  Direction  Journey  Left, right, up, down, forwards, backwards, sideways  Across  Close, far, near  Along, through  To, from, towards, away from  Movement  Slide, roll, turn, whole turn, half turn  Stretch, bend   Equal parts, four equal parts  A quarter, two quarters | | Within 100  Zero, one, two, three to twenty, and beyond  Many  Few, fewer, fewest Smallest, lesser  Equal to  The same as  Odd, even  Pair  Ten more/less  Digit  Figure(s)  Compare (In) order/a different order  Size  Value  Between, halfway between  Above, below  Spring, summer, autumn, winter  Week, month, year  Birthday, holiday  Evening, night, midnight  Before, after  Now, soon, early, late  Quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly  Old, older, oldest, new, newer, newest  Takes longer, takes less time  Clock, watch, hands  How long ago? How long will it be to...? How often?  Buy, sell, spend, spent, change, dear(er), costs more, costs less, cheaper, costs the same as |
| Y2  Tier 2 | Predict, prove  Describe the pattern, describe the rule  Find, find all, find different  Investigate | | | | | | | | |
| Y2  Tier 3 | Numbers to one hundred  Hundreds  Partition, recombine  Hundred more/less  Addition  Subtraction  Array  Row  Column  Inverse | Multiply by  Divided by  Lots of | | Multiply by  Divided by  Count  Tally  Sort  Vote  Graph  Block graph Pictogram  Represent  Group  Set  List  Table  Label  Title  Most popular  Most common  Least popular  Least common | Size  Bigger, larger, smaller  Symmetrical, line of symmetry  Fold  Match  Mirror line, reflection  Pattern, repeating pattern  Three quarters, one third, a third  Equivalence, equivalent | | m/km,  Rotation  Clockwise, anticlockwise  Straight line  Ninety-degree turn, right angle | | g/kg, ml/l  Quarter past/to  Temperature (degrees C) |
| Y3&4 | **Autumn**  **Through The Ages** | | | **Spring**  **Rocks, Relics and Rumbles** | | | **Summer**  **Emperors and Empires** | | |
| Significant people, artwork & movements | **Richard Feynman** | Sir Isaac Newton | | Mary Somerville | Leonardo of Pisa (Fibonacci) | | Maria Gaetana Agnesi | | Hypatia |
| Y3  Tier 2 | model, evaluate, describe, relationship, approximate, round, inverse, statement | | | | | | | | |
| Y3  Tier 3 | Numbers to one thousand  Column addition Column subtraction | Product  Multiples of four, eight, fifty and one hundred | | Column/ short multiplication  Short division  Chart, bar chart, frequency table,  Carroll diagram,  Venn diagram  Axis, axes  Diagram | Perimeter and area  Numerator, denominator  Unit fraction, non-unit fraction | | Compare and order  Fifth, two fifths, four fifths, tenths  Equivalent  Twelve- hour/twenty-four- hour clock  Roman numerals I to XIII  Leap year | | Horizontal, perpendicular and parallel lines  Quadrilaterals  Triangles  Greater/less than ninety degrees  Orientation (same orientation, different orientation) |
| Y4  Tier 2 | solution, construct, justify, sketch, make a statement | | | | | | | | |
| Y4  Tier 3 | Tenths, hundredths  Decimal (places)  Round (to nearest)  Thousand more/less than  Negative integers  Count through zero  Roman numerals (I to C) | Multiplication facts (up to 12x12)  Division facts  Inverse  Derive  Convert | | Recap –  Column/ short multiplication  Short division  Perimeter  Area | Equivalent decimals and fractions | | Continuous data  Line graph | | Quadrilaterals  Triangles  Right angle, acute and obtuse angles  Coordinates  Translation  Quadrant  X-axis  Y-axis  Perimeter and area |
| Y5&6  Cycle A | **Autumn**  **Dynamic Dynasties** | | | **Spring**  **Sow Grow and Farm** | | | **Summer**  **Groundbreaking Greeks** | | |
| Significant people, artwork & movements | Katherine Johnson | | G.F Bernhard Riemann | Ada Lovelace | | Caroline Herschel | Archimedes | Pythagoras of Samos | |
| Y5  Tier 2 | unknown, explain, reasoning, correlation, demonstrate | | | | | | | | |
| Y5  Tier 3 | Powers of 10  Efficient written method | | Factor pairs  Composite numbers, prime number, prime factors, square number, cubed number  Formal written method | Proper fractions, improper fractions, mixed numbers | | Percentage  Ratio, proportion | Regular and irregular  Polygons  Reflex angle  Dimensions | Volume  Imperial units, metric units | |
| Y6  Tier 2 | average, outlier, formulate, equation, statistics, refute, causal relationships | | | | | | | | |
| Y6  Tier 3 | Numbers to ten million  Order of operations  BIDMAS (Brackets, Indices, Division, Multiplication, Addition, Subtraction)  Order of operations  Common factors, common multiples | | Degree of accuracy  (fractions)  Simplify  Four quadrants (for coordinates) | Degree of accuracy  (percentage and decimals)  Simplify  Linear number sequence  Substitute  Variables  Symbol  Known values | | Mean | Pie chart  Construct  Vertically opposite (angles)  Circumference, radius, diameter | Consolidation of topics | |