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| SubjectMaths | **Sequential and Progressive Vocabulary** |
| EY | PatternPuzzleWhat could we try next?How did you work it out?RecogniseDescribeDrawCompareSort |
| EY Number | One more One less Count Numbers up to twenty Number line Answer EqualsAdding Subtracting Number Single digit Count on Count back Add Subtract Addition Subtraction | SubitiseOrdinalityEstimate | Sharing Numbers to twenty Sharing Doubling Halving number patternOddEvenNumber bond |
| Y1&2 | **Autumn** | **Spring** | **Summer** |
| Significant people, artwork & movements | Florence Nightingale |  **Albert Einstein** | Alan Turing | Euclid | **Marjorie Lee Browne** | Benjamin Banneker |
| Y1 Tier 2 | Say, think, imagine, rememberPoint toPlace, fitRearrangeChange, change overSplit, separateCarry on, continue, repeat & what comes next?Tell me, describe, pick out, talk about, explain, show meRead, write, record, trace, copy, complete, finish, endFill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrowCostAnswer, check same number(s)/different number(s)/missing number(s) |
| Y1 Tier 3 |  Within 10Zero, one, two, three to twenty, and beyond  ManyFew, fewer, fewest Smallest, lesser  Equal toThe same as  Odd, even  Pair  Ten more/less  Digit  Figure(s)  Compare (In) order/a different order  Size  Value  Between, halfway between  Above, below   | Within 10 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  2-D Shapes3-D Shapes Two DimensionalThree Dimensional Cuboid Cube PyramidConeCylinderSphere | Within 20Zero, one, two, three to twenty, and beyond  Many, few, fewer, fewestSmallest, lesser  Equal toThe same as  Odd, even  Pair  Ten more/less  Digit  Figure(s)  Compare (In) orderA different order  Size  Value  Between, halfway between  Above, below   | Within 50Zero, one, two, three to twenty, and beyond  Many, few, fewer, fewestSmallest, lesser  Equal toThe same as  Odd, even  Pair  Ten more/less  Digit  Figure(s)  Compare (In) orderA different order  Size  Value  Between, halfway between  Above, below  Scales  Always, never, often, sometimes, usually  Low, wide, narrow Deep, thick, thin  Far, near, close  MetreRulerMetre 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  ApartEdge, 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 100Zero, one, two, three to twenty, and beyond  ManyFew, fewer, fewest Smallest, lesser  Equal toThe 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 timeClock, 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   |
| Y2Tier 2 | Predict, proveDescribe the pattern, describe the ruleFind, find all, find differentInvestigate |
| Y2Tier 3 | Numbers to one hundred  Hundreds  Partition, recombine    | Properties Compare Common Line symmetry Vertical line Edges Faces Vertices Pentagon Hexagon Heptagon Octagon Kite RhombusPolygonSquare-based pyramidTriangular pyramid Triangular prism Rectangular prism Pentagonal prism Hexagonal prism Rectangular pyramid Pentagonal pyramid Hexagonal pyramid  | TallySort  Vote  GraphBlock graph Pictogram  RepresentGroupSetListTable  LabelTitle  Most popularMost commonLeast popularLeast common  Money Pounds (£) Pence (p)Different combinationsChangeMultiply by  Divided by  Lots ofHundred more/less AdditionSubtractionArrayRowColumn  Inverse   | Size  Bigger, larger, smaller  Symmetrical, line of symmetry  FoldMatchMirror line, reflection  Pattern, repeating pattern  Equivalence, equivalent  m/km, g/kg, ml/l  Temperature (degrees C)   | Three quarters, one third, a third  Rotation  Clockwise, anticlockwise  Straight line  Ninety-degree turn, right angle  Quarter past/to   | Rotation Right angle Clockwise Anti-clockwise OrderArrange SequenceInterpret Construct Pictogram Tally chart Block diagrams Horizontal Verticalx- axis y-axis key title cart title CategorySort Quantity Total Compare Data |
| Y3&4 | **Autumn** | **Spring** | **Summer** |
| Significant people, artwork & movements | **Richard Feynman** | Sir Isaac Newton | Mary Somerville | Leonardo of Pisa (Fibonacci) | Maria Gaetana Agnesi | Hypatia |
| Y3Tier 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 multiplicationShort divisionPerimeterKilometre millimetres | 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)  bar chart, frequency table,  Carroll diagram,  Venn diagram  Axis, axes  Diagram   |
| Y4Tier 2 | solution, construct, justify, sketch, make a statement |
| Y4Tier 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 multiplicationShort divisionPerimeter  | Equivalent decimals and fractionsArea   | Continuous data  Line graph   | Quadrilaterals Triangles  Right angle, acute and obtuse angles  Coordinates  Translation  Quadrant  X-axis  Y-axis  Perimeter and area   |
| Y5&6Cycle A | **Autumn** | **Spring** | **Summer** |
| Significant people, artwork & movements | Katherine Johnson | G.F Bernhard Riemann | Ada Lovelace | Caroline Herschel | Archimedes  | Pythagoras of Samos |
| Y5Tier 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   | Proper fractions, improper fractions, mixed numbers  Formal written method   | Percentage  Ratio, proportion   | Regular and irregular  Polygons  Reflex angle  Dimensions   | Volume  Imperial units, metric units   |
| Y6Tier 2 | average, outlier, formulate, equation, statistics, refute, causal relationships |
| Y6Tier 3 | Numbers to ten million  Order of operations  BIDMAS (Brackets, Indices, Division, Multiplication, Addition, Subtraction) Order of operations  Common factors, common multiples thousandths  | Degree of accuracy  (fractions)Simplify   | Degree of accuracy  (percentage and decimals)Simplify  Linear number sequence  Substitute  Variables  Symbol  Known valuesRatio   | MeanPie chart  Construct  Decimal notation | Vertically opposite (angles)  Circumference, radius, diameter  Four quadrants (for coordinates)   | Consolidation of topics |