Lodge Farm Primary School

**Maths Progression of Vocabulary**

|  |  |  |  |  |  |  |  |
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| **Skill/Topic Area** | **EYFS** | **Y1**  **Same as EYFS plus:** | **Y2**  **Same as EYFS & Y1 plus:** | **Y3**  **Same as EYFS & KS1 plus:** | **Y4**  **Same as previous year groups plus:** | **Y5**  **Same as previous year groups plus:** | **Y6**  **Same as previous year groups plus:** |
| **Number and Place Value** | One more  One less  Place  Order  Number  Count  Numbers up to twenty  Number line  Pictorial  Answer  Equals  Read  Write | Forwards  Backwards  Numerals  Words  Multiples  Equal to  More than  Less than  Fewer  Most  Least  Represent  Identify  Digit  Calculate  Odd  Even  Pattern  Numbers up to one hundred | Ones  Tens  Two- digit  Estimate  Place Value  Solve  Problems  Greater than >  Less than <  Nearest ten  Number facts  Partition  Count in steps  Zero  Compare  Determine  Value | Hundreds Three-digit Ten more  One hundred more  Ten less  One hundred  less  Roman numeral  Numbers up to one thousand | Thousands  Four- digit  Negative number One thousand more  One thousand  less  Decimal  Decimal place  Rounding  Place holder  Nearest ten Nearest hundred Nearest thousand One place  Whole number  Integer  Tenths  Hundredths | Ten thousands Hundred thousands  Millions  Context  Steps of powers  Decimal equivalents Two decimal places Thousandths Numbers up to one million | Intervals across zero  Three decimal places Hundredths  Thousandths Ten thousandths Numbers up to  ten million |
| **Addition and Subtraction** | Add  Subtract  Addition  Subtraction  Adding  Subtracting  Number  Number line  Single digit  Count on  Count back  Answer  Doubling  Halving  Sharing Numbers to twenty  Check | One step problem Concrete object Pictorial representation Missing number  Problem  Read  Write  Interpret  Equals =  Signs  One-digit  Two-digit  Ones  Mental  Mentally | Columnar addition  Columnar  Subtraction  Tens  Order  Inverse  Relationship  Calculation  Solve problems Missing number problems Quantities  Measures Formal Written method  Mental method  Method  Operation  Apply  Whole number | Three-digit number Hundreds  Estimate  Number facts | Two step problems  Context  Four-digit | Increasingly large numbers More than 4  digits  Rounding  Determine  Context Multi-step problems | Estimation Mixed operations |
| **Multiplication and Division** | Sharing  Doubling  Halving  Number pattern | Multiples  Twos  Fives  Tens  Number  Multiply  Divide  Multiplication  Division  One step problem  Answer Concrete object Pictorial representation  Arrays  Count  Equals  Write | Multiplication facts  Division facts Multiplication tables  Odd numbers  Even numbers  Share  Equally  Repeated  Division  Calculate | Missing number problem Estimate  Inverse  Formal written method Mathematical statement Recall  Integer  Two- digit  One-digit | Derived facts  Factors  Factor pairs Scaling problems  Three-digit | Decimals  Four-digit Long multiplication Short division  Remainders  Context  Common  factors  Common  Multiples  Prime numbers  Prime factors Composite numbers Square number  Cube number  Notation  Squares  Cubes | Scale factor  Long division Whole number remainders Fractions  Rounding Mixed operations |
| **Measure** | Measure  Measurement  Size  Weight  Capacity  Compare  Solve  Problems  Object  Time | Length  Height  Long  Short  Longer  Shorter  Tall  Double  Half  Mass  Heavy  Light  Heavier than  Lighter than  Volume  Full  Empty  More than  Less than  Half  Half full  Quarter  Quicker  Slower  Earlier  Later  Sequence events Chronological  order Before  After  Next  First  Today  Yesterday  Tomorrow  Morning  Afternoon  Evening  Record  Hours  Minutes  Hour  Half past  O clock  Hands  Clock face  Seconds  Coins  Notes  Dates  Days  Weeks  Months | Greater than >  Less than <  Equals =  Intervals  Standard units  Estimate  Direction  Temperature  Unit  Scales  Rulers  Thermometers Measuring vessels Metres  Centimetres  Kilograms  Grams  Degrees Celsius  Litres  Millilitres  Symbols  Money  Pounds (£)  Pence (p) Different combinations  Change  Five past  Ten past  Quarter past  Twenty past Twenty-five past  Half past  Twenty-five to  Twenty to  Quarter to  Ten to  Five to | Duration  Time taken  Nearest minute  Record Seconds a.m.  p.m. noon midnight kilometre  add  subtract millimetres perimeter simple 2-D shapes analogue  clock roman numerals 12-hour  24-hour  Leap year | Estimate Rectilinear  figure  Area  Rectilinear shapes Convert | Square centimetres (cm2)  Square metres  (m2)  Irregular shapes  Volume (cm3)  Cubes  Cuboids Square numbers Cube numbers  Metric measure  Metric units  Imperial units  Inches  Pounds  Pints | Decimal notation Cubic centimetres (cm3)  Cubic metres  (m3)  Cubic millimetre  (mm3) Cubic kilometre (Km3) Decimal places formulae  Miles |
| **Geometry**  **(Position and direction)** | Position  Distance  Direction  Move  Movement  Patterns | Half turn  Quarter turn Three-quarter  turn Left  Right Up  Down | Rotation  Right angle  Clockwise  Anti-clockwise  Order  Arrange  Sequence |  | Co-ordinates  Quadrant  Grid  Translate  Translation  Axis  X- axis  Y-axis  Spaces  Unit  Plot  Point  Polygon | Reflection | Four quadrants |
| **Geometry**  **(Properties of Shape)** | Shape  Square  Rectangle  Circle  Triangle Sides  Straight side  Curved side | 2-D Shapes  3-D Shapes  Two- Dimensional  Three-  Dimensional  Cuboid  Cube  Pyramid  Cone  Cylinder  Sphere | Properties  Compare  Common  Line symmetry  Vertical line  Edges  Faces  Vertices  Pentagon  Hexagon  Heptagon  Octagon  Nonagon  Decagon  Kite  Rhombus  Polygon Square-based pyramid Triangular pyramid  Triangular prism Rectangular prism  Pentagonal prism  Hexagonal prism  Octagonal prism | Angle  Turn  Right angles Quarter of a  turn  Half-turn Three quarters of a turn  Complete turn  Horizontal lines  Vertical lines Perpendicular  lines  Parallel lines | Lines of  symmetry Symmetric figure  Classify  Geometric shapes  Quadrilaterals  Acute angle  Obtuse angle | Angles  Measure  Degrees  Missing lengths  Missing angles Regular polygons Irregular polygons Degrees Estimate  compare  Reflex angle  Point  Straight line  Multiples | Radius  Diameter  Circumference  Nets |
| **Fractions,**  **Decimals and**  **Percentages** |  | Fraction  Half  Equal parts  One whole  Object  Shape  Quantity  Quarter | Simple fractions Equivalent equivalence  Count | Tenths  Unit fractions Non-unit fractions  Numerator  Denominator  Compare  Order  Add  Subtract  Solve problems | Hundredths  Decimal  Decimal place One decimal place Two decimal places Round decimals  Whole number Common  equivalent fractions Decimal equivalents  Dividing  Ones  Tenths  Hundredths Simple measure Money problems | Thousandths  Multiples  Three decimal places Per cent Number of parts per hundred  Percentages Decimal fraction Mixed numbers Improper fraction  Proper fraction  Convert Mathematical statements  Multiply  Percentage and decimal equivalents | Common  factors  Common  multiples Decimal fraction equivalents Simplest form |
| **Statistics** |  |  | Interpret  Construct  Pictogram  Tally chart  Block diagrams  Horizontal Vertical x- axis  y-axis  key title chart title  Simple tables  Ask  Answer  Questions  Counting  Objects  Category  Sort  Quantity  Total  Compare  Data | Present  Presented  Graph  Statistics  Bar charts  Tables  Solve One- step questions Two- step questions Information | Time graphs  Comparison  Problems | Timetables  Line graph | Pie chart  Calculate  Mean  Average |
| **Algebra** |  | Solve One-step problem  Missing number  Check  Calculate problem  Sequence  Chronological | Inverse  Relationship  Compare  Order  Arrange  Pattern |  | Perimeter  Algebra  Algebraically | Properties  Rectangles  Deduce  Related facts  Missing lengths  Missing angles | Missing number  Problem  Pairs  Number sentence  Variables  Combination  Possibility  Enumerate  Equation  Formulae  Generate Linear number sequence |
| **Ratio and Proportion** |  |  |  |  |  |  | Ratio  Proportion  Size  Quantity  Missing value  Integer  Multiplication  Division  Multiply  Divide  Solve  Problem  Calculate  Percentage  Comparison Unequal sharing Grouping  Fractions  Multiples |