



## Leasowes Primary School Maths Curriculum Overview



| Year Group: 4 | 1 <sup>st</sup> Half Term   |   | 2 <sup>nd</sup> Half Term  |  |
|---------------|---|---|--|--|
| <b>Autumn</b> | <p><b>Number and Place Value</b><br/>4-digit numbers, ordering numbers beyond 1000</p> <p><b>Addition and Subtraction</b><br/>Mental addition and subtraction, 1- and 2-step problems</p> <p><b>Properties of Shape</b><br/>Symmetry and reflection with 2d shapes, symmetrical and repeating patterns</p>                                  | <p><b>Multiplication and Division</b><br/>6- and 7-times tables, solving multiplication problems</p> <p><b>Fractions</b><br/>Equivalent fractions, finding fractions of amounts</p> <p><b>Position and Direction</b><br/>Translation of 2d shapes, identifying and plotting coordinates</p>   | <p><b>Addition and Subtraction</b><br/>Formal written methods for addition, solving addition problems</p> <p><b>Decimals</b><br/>Comparing and finding equivalent decimals to fractions, rounding decimals, solving decimal problems</p> <p><b>Measurement</b><br/>Recording mass with decimal notation, estimating and rounding weights</p> | <p><b>Multiplication and Division</b><br/>9- and 11- times table, square numbers factors and multiples</p> <p>Multiplication written methods with partitioning, expanded method and compact method</p> <p><b>Measurement</b><br/>Converting units of time, 12- and 24-hour clocks, time problems</p> |
| <b>Spring</b> | <p><b>Number and Place Value</b><br/>Ordering numbers beyond 1000, rounding to nearest 10 or 100, negative numbers</p> <p><b>Addition and Subtraction</b><br/>Written subtraction with exchange, solving subtraction problems</p> <p><b>Properties of Shape</b><br/>Acute and obtuse angles, ordering angles by size, regular 2d shapes</p> | <p><b>Multiplication and Division</b><br/>12- times table, Multiples of 25, 100, 1000; formal written multiplication and division methods.</p> <p><b>Fractions</b><br/>Fractions on number lines, hundredths and tenths, solving fraction problems</p> <p><b>Measurement</b><br/>Comparing metres and kilometres, solving length problems</p> | <p><b>Addition and Subtraction</b><br/>Mental addition and subtraction problems, 2-step problems, formal written addition and subtraction, word problems</p> <p><b>Statistics</b><br/>Pictograms, bar charts and time graphs</p>   | <p><b>Multiplication and Division</b><br/>Formal multiplication methods 3-digit x 1-digit, solving word problems</p> <p><b>Decimals</b><br/>Decimal hundredths, comparing decimals, dividing by 10 and 100</p> <p><b>Measurement</b><br/>Perimeter of rectangles, finding and calculating area</p>   |
| <b>Summer</b> | <p><b>Number and Place Value</b><br/>Rounding to nearest 10, 100, 1000; negative numbers, Roman numerals</p> <p><b>Addition and Subtraction</b><br/>Written addition and subtraction with money, solving money problems</p> <p><b>Properties of Shape</b><br/>Triangles, parallelograms, trapeziums, quadrilaterals</p>                     | <p><b>Multiplication and Division</b><br/>Formal written methods, solving word problems</p> <p><b>Fractions</b><br/>Equivalent fractions, adding and subtracting fractions with same denominator</p> <p><b>Measurement</b><br/>Comparing litres and millilitres, solving volume and capacity problems</p>                                     | <p><b>Addition and Subtraction</b><br/>Ordering and subtracting money, solving money problems</p> <p><b>Decimals</b><br/>Comparing and rounding decimals using tenths and hundredths, dividing by 10 and 100, solving decimal problems</p> <p><b>Position and Direction</b><br/>Coordinates of shapes, plotting coordinates</p>              | <p><b>Multiplication and Division</b><br/>Short multiplication and division formal written methods, solving word problems</p> <p><b>Statistics</b><br/>Interpreting data on time charts and bar charts</p>   |