



| Strand | Year 5 |
|-----------------------------------|---|
| Counting & ordering | Count forwards & backward with positive & negative numbers through zero. |
| | Count forwards/backwards in steps of powers of 10 for any given number up to 1000000. |
| | Compare & order numbers with 3 decimal places. |
| | Read Roman numerals to 1000. |
| Numbers & more/less | Read and write any 5 digit number. |
| | Compare decimals with 1 decimal place. |
| Tables & multiples | Identify all multiples & factors, including finding all factor pairs. |
| | Use known tables to derive other number facts. |
| Bonds & Facts | Recall prime numbers up to 19. |
| Place value & rounding | Recognise PV of any number up to 1000000. |
| | Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 or 100000. |
| | Round decimals with 2dp to nearest whole number & 1dp. |
| Calculations +/- | Add & subtract: <ul style="list-style-type: none">○ Numbers with more than 4-digits using efficient written method (column).○ Numbers with up to 2dp. |
| Calculations x/÷ | Multiply: 4-digits by 1-digit and by 2-digits Divide: 4-digits by 1-digit Multiply & divide: <ul style="list-style-type: none">○ Whole numbers & decimals by 10, 100 & 1000 |



L.E.A.D. Academy Trust

Lead • Empower • Achieve • Drive

| | |
|------------------------------------|---|
| Fractions & percentages | <p>Count up/down in thousandths.</p> <p>Recognise mixed numbers & fractions & convert from one to another.</p> <p>Multiply proper fractions by whole numbers.</p> |
| Time | <p>Solve time problems using timetables and converting between different units of time.</p> |
| Shape | <p>Identify 3D shapes from 2D representations.</p> <p>Recognise and estimate acute, obtuse and reflex angles.</p> <p>Draw angles and measure them in degrees.</p> <p>Draw objects in correct position on a co-ordinate grid (four quadrants).</p> |
| Measures | <p>Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and milliliter).</p> <p>Measure and calculate the perimeter of composite rectilinear (compound) shapes in centimetres and metres.</p> <p>Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes.</p> |
| Ratio and proportion | <p>Find percentages of amounts. E.g. 20% of 42.</p> |
| Algebra | <p>Use simple formulae to find unknown and generate formulae for a sequence with only a number times the unknown (e.g. $4n$).</p> |