



L.E.A.D. Academy Trust

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Strand	Year 6
Counting & ordering	Compare & order numbers up to 10000000.
Numbers & more/less	Read and write any number up to 10 000 000  Order decimals with the same amount of decimal places.
Tables & multiples	Identify common factors, common multiples & prime numbers.
Bonds & Facts	Recall prime numbers up to 50.
Place value & rounding	Round any whole number to a required degree of accuracy.  Recognize place value of any number including decimals.  Round decimals with 3 decimal places to the nearest degree of accuracy.
Calculations +/-	Consolidate column addition for whole numbers and apply to problem solving.
Calculations x/÷	Multiply: 4-digit by 2-digit  Divide: 4-digit by 2-digit
Fractions & percentages	Add & subtract fractions with different denominators & mixed numbers.  Multiply simple pairs of proper fractions, writing the answer in the simplest form.  Divide proper fractions by whole numbers.  Calculate % of whole number.



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<b>Time</b>	Consolidate solving time problems using timetables and converting between different units of time.
<b>Shape</b>	<p>Draw 2D shapes using given dimensions and angles.</p> <p>Build 3D shapes, including making nets.</p> <p>Find unknown angles in triangles, quadrilaterals and regular shapes, on a straight line and within a circle.</p> <p>Describe position on a full co-ordinates grid (all four quadrants).</p>
<b>Measures</b>	<p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.</p> <p>Convert between miles and kilometres</p> <p>Calculate the area and perimeter of compound shapes and triangles.</p>
<b>Ratio and proportion</b>	<p>Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison</p> <p>Say ratio and proportion of a given set of objects.</p>
<b>Algebra</b>	<p>Use simple formulae.</p> <p>Generate and describe linear number sequences</p> <p>Express missing number problems algebraically</p>