



**Together We Can**

**Year 5 Non-negotiables.**

<b>Number Place Value and Fractions</b>	<ul style="list-style-type: none"><li>• Compare and order fractions whose denominators are all multiples of the same number.</li><li>• Compare and order fractions, including fractions larger than 1 and mixed numbers.</li><li>• Count in steps of powers of 10 for any given number up to 1,000,000.</li><li>• Identify, name and write equivalent fractions of a given fraction, represented visually.</li><li>• Read Roman numbers to 1000 (M).</li><li>• Read, write, order and compare numbers to at least 1,000,000.</li><li>• Read, write, order and compare numbers with up to 3 decimal places.</li><li>• Recognise the % symbol and can write percentages as a fraction.</li><li>• Round any whole number the required degree of accuracy.</li></ul>
<b>Calculations</b>	<ul style="list-style-type: none"><li>• Add numbers with more than 4 digits using written methods.</li><li>• Divide numbers up to 4 digits by a 2-digit whole number less than 25 using a written method.</li><li>• Multiply numbers up to 4 digits by a 2 digit number using long multiplication.</li><li>• Recognise and use square numbers and cube numbers.</li><li>• Solve problems including scaling by simple fractions and simple rates.</li><li>• Solve problems involving combinations of all 4 mathematical operations.</li><li>• Subtract numbers with more than 4 digits using written methods.</li><li>• Use estimation to check answers to calculations.</li><li>• Use rounding to check answers to calculations.</li></ul>

<b>Measurement and Geometry</b>	<ul style="list-style-type: none"><li>• Calculate and compare the area of squares and rectangles.</li><li>• Distinguish between regular and irregular polygons.</li><li>• Draw a given angle, writing its size in degrees.</li><li>• Identify 3-D shapes from 2-D presentations.</li><li>• Identify angles at a point and one whole turn.</li><li>• Know angles are measured in degrees and can estimate and measure them.</li><li>• Measure &amp; calculate the perimeter of composite rectilinear shapes in cm and m.</li><li>• Read, write &amp; convert between standard units of measure.</li><li>• Solve problems involving converting between units of time.</li></ul>
<b>Statistics</b>	<ul style="list-style-type: none"><li>• Solve 'comparison' problems using information in line graphs.</li></ul>