

## Worlingham CEVC Primary School





	Year 5 Number and Place Value		
Addition and Subtraction	Multiplication and Division	Fractions	
Sufficient evidence shows the ability to:  Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).  Add and subtract numbers mentally with increasingly large numbers.  Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.  Solve addition and subtraction multi- step problems in contexts, deciding which operations and methods to use and why	<ul> <li>Sufficient evidence shows the ability to:         <ul> <li>Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.</li> <li>Know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers.</li> <li>Establish whether a number up to 100 is prime &amp; recall prime numbers up to 19.</li> <li>Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.</li> <li>Multiply and divide numbers mentally drawing upon known facts.</li> <li>Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context</li> <li>Multiply and divide whole numbers and those involving decimals by 10, 100 &amp; 1000.</li> <li>Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3).</li> <li>Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.</li> <li>Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.</li> <li>Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</li> </ul> </li> </ul>	<ul> <li>Sufficient evidence shows the ability to:         <ul> <li>Compare and order fractions whose denominators are all multiples of the same number.</li> <li>Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.</li> <li>Recognise mixed numbers and improper fractions and convert from one form to the other &amp; write mathematical statements &gt; 1 as a mixed number[2/5 + 4/5 = 6/5 = 1 1/5].</li> <li>Add and subtract fractions with the same denominator and denominators that are multiples of the same number.</li> <li>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.</li> <li>Read and write decimal numbers as fractions [for example, 0.71 = 71/100].</li> <li>Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.</li> <li>Round decimals with two decimal places to the nearest whole number and to one decimal place.</li> <li>Read, write, order &amp; compare numbers with up to three decimal places.</li> <li>Solve problems involving number up to three decimal places.</li> <li>Recognise the percent symbol (%) and understand that percent relates to 'number of parts per hundred', write percentages as a fraction with denominator 100, &amp; as a decimal.</li> <li>Solve problems which require knowing percent &amp; decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25.</li> </ul> </li> </ul>	
Year 5 Geometry and Measures			
Measures	Geometry – Properties of Shapes	Geometry – Position and Direction	Statistics
d millimetre; gram and kilogram; litre & millilitre). valences between metric units and common and pints. of composite rectilinear shapes in tangles (including squares), and including using n2 ) and square metres (m2 ) and estimate the cm3 blocks to build cuboids (including cubes)] r]. etween units of time.	<ul> <li>Sufficient evidence shows the ability to:         <ul> <li>Identify 3-D shapes, including cubes and other cuboids, from 2-D representations.</li> <li>Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.</li> <li>Draw given angles, and measure them in degrees (°).</li> <li>Identify: angles at a point and one whole turn (total 360°) angles at a point on a straight line &amp; 1/2 a turn (total 180°) and other multiples of 90°.</li> <li>Use the properties of rectangles to deduce related facts and find missing lengths and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</li> </ul> </li> </ul>	Sufficient evidence shows the ability to:  Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.	Sufficient evidence shows the ability to:  Solve comparison, sum and difference problems using information presented in a line graph. Complete, read and interpret information in tables, including timetables.
	Sufficient evidence shows the ability to:  Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).  Add and subtract numbers mentally with increasingly large numbers.  Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.  Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why  Measures  Atric measure (for example, kilometre and metre; a millimetre; gram and kilogram; litre & millilitre). Evalences between metric units and common and pints.  Of composite rectilinear shapes in tangles (including squares), and including using max) and square metres (m2) and estimate the cm3 blocks to build cuboids (including cubes)]  The etween units of time.  The substitute of time including measure [for example, length, mesting involving involving mesting inv	Addition and Subtraction  Sufficient evidence shows the ability to:	Addition and Subtraction  Sufficient evidence shows the ability to:  Add and subtract whole numbers with more than 4 digits, including using formal written entering the common factors of two numbers.  Occurrons factors of two numbers, and common factors of two numbers, and common factors of two numbers, and common factors of two numbers.  Use rounding to check answers to calculations and determine, in the context, of a problem, levels of accuracy,  Solve addition and subtraction multi-step problems in context, deciding which operations and methods to use and wity.  Multiply and divide numbers and those involving decimals by 10, 100.  Recognise and use square numbers and those involving decimals by 10, 100.  Recognise and use square numbers and those involving decimals by 10, 100.  Recognise and use square numbers and those involving decimals by 10, 100.  Recognise and use square numbers and those involving decimals by 10, 100.  Recognise and use square numbers and those involving decimals by 10, 100.  Recognise and use square numbers and those involving decimals by 10, 100.  Recognise and use square numbers and those involving decimals by 10, 100.  Recognise and use square numbers and those involving decimals by 10, 100.  Recognise and use square numbers and touch numbers, and the notation for squared (2) and cubed (3).  Solve problems involving multiplication and division including using their knowledge of factors and multiplies, squares and cube.  Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals squares), and the notation for squared (2) and cubed (3).  Solve problems involving addition, subtraction, multiplication and division and accombination of these, including understanding the meaning of the equals squares and cube in the problems involving addition, subtraction, multiplication and division and numbers are problems involving addition, subtraction, multiplication and division including using their kno

Belonging, Courage, Curiosity, Kindness, Perseverance, Respect

Growing Mindt, Kind Hearth, Rooted in Love

'Rooted and Grounded in Love' (Ephesians 3:16)