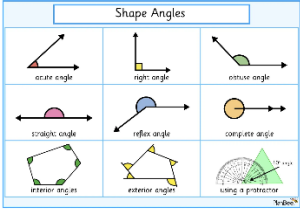


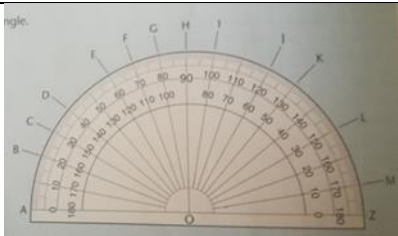
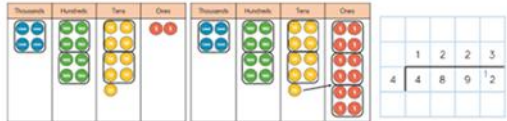




Captain Webb Primary School medium term plan


Year 5


SPRING 2	Strand	Number of weeks	Ready to Progress (Based on National Curriculum objectives)	Key areas of knowledge (small steps in learning)	Resources and methods (Calculation policy)
	FDP	2	<p><i>Knows decimal number bonds to 1.</i></p> <p><i>Count up and down in decimals and fractions including bridging through zero on a number line.</i></p> <p>Knows how to read, write, order and compare numbers with up to three decimal places.</p> <p>Knows how to read and write decimal numbers as fraction eg. 0.71 is 71/100</p> <ul style="list-style-type: none"> <i>Knows how to round decimals with two decimal places to the nearest whole number and to one decimal place.</i> <p>Knows how to recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents recognise and write equivalence for a quarter, half and three quarters.</p>	<ul style="list-style-type: none"> I know decimal notation and the language associated with it to three decimal places. I know that decimal and fractions are different ways of expressing proportions. I know how to order and compare numbers up to 3 decimal places. I know how to round decimals with 2 decimal places to the nearest whole number and to 1 decimal place. I know the percent symbol and understand that percent relates to the number of parts per hundred. I know how to write percentages as a fraction and a decimal. 	<p>There are ____ parts per hundred shaded. This is ____%</p> <p>What percentage of each bar model is shaded?</p> <p> %</p> <p> %</p> <p>Complete the bar models.</p> <p> 100%</p> <p> 100%</p> <p> 25%</p>

			<ul style="list-style-type: none">• <i>Knows that percentages, decimals, and fractions are different ways of expressing proportions.</i>• Knows the per cent symbol (%)• Knows that percent relates to the numbers of parts per hundred• Knows how to write percentages as a fraction with denominator 100, and as a decimal• Knows how to find the effect of dividing a one or two digit number by 10 and 100 identifying the value of the digits in the answer as 1 tenths and hundredths		
	Geometry (Angles)	1	<ul style="list-style-type: none">• Knows how to identify right, acute, obtuse, straight, and reflex angles and can estimate and compare them.• <i>Knows how to use angle sum facts and other properties to make deductions about missing angles and lengths.</i> <p>Knows how to use properties of rectangles to deduce related facts and find missing lengths and angles.</p> <p>Knows that angles at a point and one whole turn equals 360.</p> <p>Knows that angles on a straight line equals 180.</p>	<ul style="list-style-type: none">• I know the properties of different angles.• I know how to find missing angles and lengths from given facts.• 	

	Measure	2	<p>Knows that angles are measured in degrees using a protractor.</p> <p>Knows how to draw given angles and measure them using a protractor</p>	<ul style="list-style-type: none"> • I know how to read scales on a protractor accurately. • I know how to use a protractor to measure angles accurately. • I know how to use a protractor to draw angles. • 	
	Multiplication and Division	2	<p>Knows how to multiply and divide whole and decimal numbers by 10,100 and 1000.</p> <p>Knows how to multiply numbers up to 4 digits by a 1 or 2 digit number using a formal written method including long multiplication of 2 digit number</p> <p>Knows how to divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately in context.</p> <p>Knows how to solve problems involving multiplication and division including knowledge of factors, multiples, squares and cubes.</p> <p>Knows how to solve problems including all 4 operations,</p>	<ul style="list-style-type: none"> • I know how to multiply numbers up to 4 digits by 1 or 2 digits using a formal written method • I know how to multiply 2 digits by a 2-digit number • I know how to multiply a 3-digit number by a 2-digit number • I know how to find missing digits in a calculation • I know how to solve one and two step word problems • I know how to divide numbers up to 4 digits by 1 digit • I know how to solve word problems including division • I know how to divide numbers up to 4 digits by 1 digit interpreting the remainder • I know how to solve word problems involving remainders • I know mental methods for the four operation 	<p>Here is a method to calculate 4,892 divided by 4 using place value counters and short division.</p>  <p>Use this method to calculate: $6,610 \div 5$ $2,472 \div 3$ $9,360 \div 4$</p> <p>Complete the calculation.</p>  

			understanding the meaning of an equals sign		
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Spring 2	Strand	Number of Lessons	Ready to Progress (Based on National Curriculum objectives)	Key areas of knowledge (Small steps in learning)	Resources and methods
	Word Problems	3	<p>I know what arithmetic I need to answer a one-step problem, two-step, multi-step problem or complex problem.</p> <p>I know what the narrative is about and what words identify the operations and the concepts needed.</p>	<ul style="list-style-type: none"> I know what arithmetic I need to solve a one-step problem. I know the vocabulary to identify the arithmetic needed to solve two step problems. 	<p><u>Lesson 1</u></p> <div> <div>3</div> <p>Class 6 have some fruit. For every 2 apples, they have 3 bananas.</p>  <p>They have 10 apples.</p> <p>How many bananas do they have?</p> </div> <hr/> <p><u>Lesson 2/3</u></p>

					<div><div>15</div><div><p>A box contains trays of melons.</p><p>There are 15 melons in a tray.</p><p>There are 3 trays in a box.</p></div><div></div><div><p>A supermarket sells 40 boxes of melons.</p><p>How many melons does the supermarket sell?</p></div><div><div>Show your method</div><div><div></div><div>melons</div></div></div></div>
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