
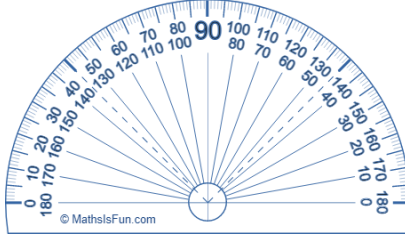

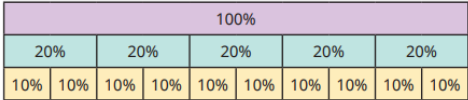
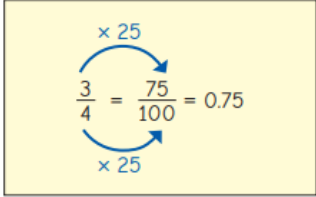
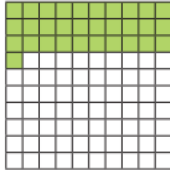
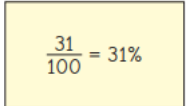
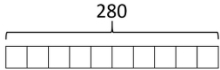


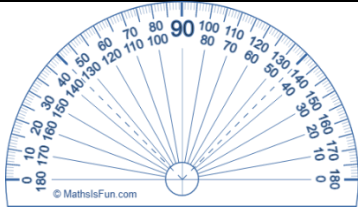


Captain Webb Primary School medium term plan

Year 6

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)
	Geometry	2	<ul style="list-style-type: none"> Knows how to draw 2D shapes using given dimensions and angles. Knows how to find unknown angles on a straight, round a point and in any triangles quadrilaterals and regular polygons. Knows how to visualise 3D shapes from nets. Knows how to compare and classify geometric shapes based on their properties. 	<ul style="list-style-type: none"> I know the properties of geometric shapes I know how to measure angles using a protractor I know how to accurately draw angles using a protractor I know that there are 180 degrees on a straight line I know that there are 360 degrees at a point I know that vertically opposite angles are equal I know how to calculate missing angles in a triangle I know that the interior angles of a quadrilateral total 360 degrees I know the formula for calculating interior angles of a regular polygon I know the different parts of a circle, including that the diameter is twice the radius I know how to draw 2D shapes accurately 	 

				<ul style="list-style-type: none"> I know how to compare and classify geometric shapes based on their properties I know which nets make a variety of 3D shapes 	
	Fractions, Decimals, and Percentages	3	<ul style="list-style-type: none"> Knows how to find a percentage of a specified amount. Knows how to recall and convert equivalences between fractions, decimals and percentages. 	<ul style="list-style-type: none"> I know how to convert decimals to fractions I know that a fraction can be written as a division and can calculate decimal fraction equivalents. I know that a percentage is out of one hundred I know how to convert fractions to percentages I know that the denominator needs to be 100 in order to convert to a percentage I know that percentages, decimals and fractions need to be converted in order to compare them I know how to find a percentage of an amount I know how to find missing amounts in a calculation 	<p>The bar model is split into tenths.</p>     
	Statistics	2	<ul style="list-style-type: none"> Knows the parts of the circle. Knows how to interpret and construct pie charts and use these to solve problems. Knows how to interpret and construct line graphs and use 	<ul style="list-style-type: none"> I know how to interpret information from a line graph (Year 5 recap) I know how to draw and plot data on a line graph 	<p>1) 10% of 280 =</p>  <p>2) 30% of 280 =</p>

			<p>these to solve problems.</p> <ul style="list-style-type: none"> Knows the arithmetic for finding the mean average. 	<ul style="list-style-type: none"> I know how to read a dual bar chart I know how to infer information from pie charts I know how to infer information from pie charts that use percentages I know how to draw pie charts I know how to calculate the mean of a set of data I know that conversion graphs can help convert kilometres to miles 	
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Problem solving and Reasoning

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	2	<ul style="list-style-type: none"> I know what the narrative is about and what words identify the operations and the concepts needed. I know what arithmetic I need to answer a one-step problem, two-step, multi-step problem or complex problem. I know what arithmetic methods are efficient and what to record in sequences. I know when I have answered the question correctly and checked the context. 	<ul style="list-style-type: none"> 	