



Captain Webb Primary School medium term plan

Year 6

Summer 1	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)
	Ratio and proportion	2	<ul style="list-style-type: none"> Knows that proportions relate to the whole and ratios are part to part Knows the notation $a:b$ to record a ratio Knows how to use multiplication/division to find a scale factor 	<ul style="list-style-type: none"> I know that the ratio shows a relationship between parts I know that the ratio symbol shows the order of parts I know the relationship between a fraction and a ratio I know how to calculate scale factor I know how to calculate ratio I know how solve problems involving proportion I know how solve problems using ratio 	
	Algebra	2	<ul style="list-style-type: none"> Knows how to use a simple formulae Knows how to find the common difference for the nth term Knows how to generate and describe linear sequences Knows how to use the arithmetic relationships to find unknowns or variables Knows how to express missing 	<ul style="list-style-type: none"> I know the purpose of function machines I know how to form expressions using symbols and letters to represent variables and unknowns I know how to substitute expressions to find a particular value (expressing missing number problems algebraically) 	

			<div>number problems algebraically</div> <ul style="list-style-type: none">Knows how to find pairs of numbers that satisfy an equation with two unknowns	<ul style="list-style-type: none">I know how to generate and describe linear sequencesI know how to find the common difference for the nth termI know what a formulae is (for example using formulae to solve the area and perimeter of a shape)I know the difference between expressions and an equationI know how to solve multi-step equations using arithmetic relationships (the inverse)I know how to find pairs of values	<table><tr><td><i>c</i></td><td><i>d</i></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	<i>c</i>	<i>d</i>										
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