Year 7	Term 5	
Stage	**Description**	
	Section A Proportion	**Section B** Ratio	**Section C** Statistical Investigation
Emerging	• State a ratio of measurements in the same units. • Simplify a ratio by cancelling common factors.	• Use ratio notation to describe a comparison of more than two measurements or objects. • State a ratio of measurements in the same units. • Simplify a ratio by cancelling common factors.	• Understand and use the mean. • Understand and use the mode. • Calculate the mean of a set of data. • Calculate the mode of a set of data.
Developing	• Identify when a ratio is written in its lowest terms. • Can identify proportions of a number is being given	• Identify when a ratio is written in its lowest terms. • Find the value of a 'unit' in a division in a ratio problem.	• Understand the meaning of 'average' as a typicality. • Calculate the median value from a set of data.
Secure	• Find the value of a 'unit' in a division in a ratio problem. • Can make comparisons between specified ratios and justify fully chosen responses.	• Divide a quantity in two parts in a given part: part ratio. • Divide a quantity in two parts in a given part: whole ratio.	• Calculate the mean value from a set of discrete data. • Choose an appropriate approximation when required.
Excellence	• Solve problems involving scaling • Use knowledge of multiples to solve a sharing (or grouping) problem • Can scale up or down recipes ensuring that proportions stay the same.	• Express correctly the solution to a division in a ratio problem. • Apply ratio rules to more complex problems.	• Calculate the mean value from a set of continuous data. • Use the mean to find a missing number in a set of data. • Comment on data collected using an appropriate average being able to reason choice.