



Unit: Ratio and Proportion	Key Vocabulary	
Topic Overview:		
In this unit, you will explore how quantities relate to each other by mastering the concept of ratio and proportion. You will use visual tools like bar models to share amounts when given a whole total or just one of the parts. Next, you will discover how to simplify ratios to find equivalent values and connect them directly to fractions. Finally, you will apply your knowledge to scale diagrams, investigate the mathematical constant π (pi) as a special circular ratio, and analyse direct and inverse proportions.	Ratio	Proportion
	Simplify	Direct Proportion
	Multiplicative	Scale Factor
	Inverse Proportion	Equivalent Ratio

RAG Rating:		Start	End	Teacher
1.	I understand the meaning and representation of ratio.			
2.	I understand and can use the ratio notation			
3.	I can solve problems involving ratios of the form 1:n or n:1			
4.	I can solve problems in the form m:n			
5.	I can divide a value into a given ratio.			
6.	I can express ratios in their simplest integer form			
7.	I can express ratios in the form 1:n			
8.	I can compare ratios and related fractions.			
9.	I understand Pi (π) as the ratio between diameter and circumference.			