



Common Core Math Unit Plan

Unit Title:	Proportional Relationships	Course: CC Math 1	Time Frame: 6 weeks
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Sub-Topics	Unit Rates with complex fractions; Understanding the constant of proportionality in tables, graphs, equations, diagrams and verbal descriptions; Understanding what proportional means; Application problems involving proportions, Similar figures.		
Big Idea	Ratio is a multiplicative comparison of two quantities. Proportions allow us to scale up or down data while keeping the ratio intact.		
Story Board/ Unit Flow "Pre-Unit"			
Hook: Making Lemonade	Concept #1: What does it mean to be proportional? Double Number	#1: Methods to Solve I:Equivalent e Fractions &	Concept #2: Unit Rate Getting Precise: Methods To Solve II: Comparing Rates
Concept #3: Slope/ Graphs of Proportional Relationships	Getting Precise: Methods to Solve III: Graphs Conceptors Proportion Equat	ent of Methods to	Formative Assessment: Leaky Faucets Differentiated Problem Solving: Rates and Proportions
Concept #5: Similar Figures:	Problem Solving with SImilar Figures		