

mathmark TEKS Cluster Guide – Grade 6

Proportional Reasoning

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
Fractions/Decimals/Percents							
A New Way to Describe Parts of a Whole 6.4(E), 6.5(C)	The Meaning of Percent	✓	✓		✓		
Models of Fractions, Decimals, and Percents 6.4(F), 6.5(C)	Use Models to Connect Fractions, Decimals, and Percents	✓	✓		✓		
“Easy” Fractions and Percents 6.4(F)	Benchmark Fractions and Percents	✓	✓		✓		
Fraction, Decimal, Percent Conversions 6.4(F), 6.4(G), 6.5(C)	Generating Equivalent Fractions, Decimals, and Percents	✓	✓		✓		
Real-World Fractions, Decimals, and Percents 6.4(E), 6.4(G), 6.5(C)	Fraction, Decimal, Percent Conversions			✓		✓	
Fraction, Decimal, Percent Conversion Practice 6.4(G), 6.5(C)	Find the Mistake			✓		✓	
The Percent Proportion 6.5(B)	Solving Part, Whole, Percent Problems	✓	✓		✓		
Part, Whole, Percent Match Up 1 6.5(B)	Solving Part, Whole, Percent Problems	✓	✓		✓		
Part, Whole, Percent Match Up 2 6.5(B)	Solving Part, Whole, Percent Problems			✓		✓	
Part, Whole, Percent Problems Practice 6.5(B)	Find the Mistake			✓		✓	
Ratios/Rates							
Go Fish 6.4(B), 6.4(C), 6.5(A)	Understand Ratio as Multiplicative Comparison	✓	✓		✓		
Social Media 6.4(B), 6.4(C), 6.5(A)	Understand Ratio as Multiplicative Comparison	✓			✓		
Golden Ratios and Proportions 6.4(B), 6.4(C), 6.4(D), 6.5(A)	Understand Ratio as Multiplicative Comparison			✓		✓	
Rate It 6.4(B), 6.4(C), 6.4(D), 6.5(A)	Interpret the Meaning of Rate	✓	✓		✓		
Which Is the Better Deal? 6.4(B), 6.4(D), 6.5(A)	Represent Rates Using Tables and Graphs	✓			✓		
Field Trip to the Gravity Gym 6.4(B), 6.4(D), 6.5(A)	Represent Rates Using Tables and Graphs			✓		✓	

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		new learning	intervention	practice	teacher-facilitated	small groups	stations
Conversions							
Wild Measurements 6.4(H)	Perform Conversions Using Proportions and Unit Rate	✓	✓		✓		
Outta This World 6.4(H)	Perform Conversions Using Proportions and Unit Rate			✓		✓	
Gross, But True 6.4(H)	Perform Conversions Using Proportions and Unit Rate			✓		✓	