Carver-Edisto Middle School

Great Wall of China Math Lesson Plan

	Monday	Tuesday	Wednesday	Thursday	Friday
Objective	TSWBAT express ratios as fractions	TSWBAT solve proportions by using cross products	TSWBAT use proportions to find missing measures in similar figures	TSWBAT read and use map scales and scale drawings	Continuation from Wednesday and Thursday Review for test Monday
Standard			6-1.6, 6-3.4, 6-4.7, 6-4.8	6-5.7	6-3.4, 6-4.7, 6-4.8, 6-5.7
Vocabulary	Numerator Denominator	Cross products model	Proportion Rate Ratio probability	Scale Scale drawing	Corresponding sides, corresponding angles, similar
Presentation	Warm up Vocabulary Model tangram paper folding Discuss ratios of folded areas Express ratio as fraction	Warm up Vocabulary Model pairs of fractions as proportions Determine ratio vs proportion	Warm up Vocabulary	Warm up Vocabulary Use maps to explore scale Use scale on map to determine distances	Warm up Vocabulary Demonstrate how to find similar angles and sides.
Exit/Closure/ Assessment	Journal entry: Count the number of	Journal entry: Of 30 students,	Journal entry:	Journal entry: The Great Wall of	Journal entry: Explain how the

	boys in this class. Count the number of girls in this class. Write the ratio of boys to girls in this class. Explain how you calculated your answer.	25 report they play video games. There are 700 students in this school. Predict the number of students who regularly play a video game. Explain how your ratios are equivalent.		China of the Ming Dynasty is 5,500 miles long. Your paper is 11 inches long. What scale would you need to draw the Wall on your paper?	draw a diagram strategy can help solve a problem.