

Mrs. Logan 7th Grade Math
Week 4: September 5-8

Module 1: Ratios and Proportional Relationships
Topic B: Working with Proportional Relationships

	Monday September 4th	Tuesday September 5th	Wednesday September 6th	Thursday September 7th	Friday September 8th
Lesson	NO SCHOOL FOR LABOR DAY!	Lesson 15: Scale Drawings	Lesson 16: Using a Scale Factor	Lesson 17: Finding Actual Distances from a Scale Drawing	Lesson 18: Relating Areas of Scale Drawings
Pages		193-206	207-222	223-242	243-260
We will...		explore the characteristics of scaled figures.	create scale drawings focusing on how the scale factor affects the size of the scale drawing.	write equations that allow us to find unknown side lengths of original figures or their scale drawings.	explore how the areas of scale drawings relate to the areas of their original figures.
Bell Ringer		Extreme Bicycles	Resizing Images	Unknown Measurements	Scaling Squares
Exit Ticket		Identifying a Scale Drawing	Enlargement or Reduction	Finding a Side Length	Using Area to find Scale Factors
I will...		determine one-to-one correspondence of points in related figure and recognize the scale factor (constant of proportionality)	determine whether a scale factor produces an enlargement or reduction and create scale drawings	find measurements of a figure when given a scale factor and either the scale drawing or the original figure.	describe the area of a scale drawing with scale factor r as r squared times the area of the original figure.
Reminders					
State Standards	7.G.A.1. Solve problems involving scale drawings of geometric figures, such as computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.				
	7.RP.A.2.b. Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.				