Mrs. Logan Advanced Math
Week 15: November 27th - December 1st

Module 3: Two-Dimensional Geometry
Topic D: Scale Drawings and Dilations

	Monday November 27th	Tuesday November 28th	Wednesday November 29th	Thursday November 30th	Friday December 1st
Lesson	Lesson 18: Scale Drawings	Lesson 19: Finding Actual Distances from a Scale Drawing	Lesson 20: Scale and Scale Factor	Lesson 21: Modeling with Scale Drawings	Lesson 22: Dilations
Pages	293-308	309-324	325-338	339-355	357-369
We will…	explore characterisitivs of enlargements and reductions and draw englargements and reductions of figures.	write equations that allow us to find unknown side lengths of original figures of their scale drawings.	use relationships between distances on a map and actual distances to find unknown distances and relate the ares of figures to their scale drawings.	create a scale drawing of a scale drawing and describe how the second relates to the original figure.	produce enlargements and reductions by applying a dilation.
Bell Ringer	Corresponding Segments	Scale Drawing?	Map Relationships	Conjecture	Precise Language
Exit Ticket	Enlargement or Reduction?	Applying the Scale Factor	Actual Distances	Scale Drawing of a Scale Drawing	Dilation Drawing
I will...	create a scale drawing by using the proportional relationship that exists between corresponding distances.	use a scale factor to find unknown lengths of a scale drawing or of the original figures.	describe the area of a scale drawing with scale factor r as r squared times the area of the original figure.	model a scale drawing by reproducing a scale drawing at a different scale.	describe dilations and the effects of dilations and understand what scale drawing different scale factors produce.
Reminders					M3TD Quiz on Monday, December 4th
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.				
	8.G.A.3. Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.				