Mrs. Logan Advanced Math
Week 11: October 23-27

Module 3: Two-Dimensional Geometry
Topic A: Triangles and Circles

	Monday October 23rd	Tuesday October 24th	Wednesday October 25th	Thursday October 26th	Friday October 27th
Lesson	Lesson 1: Sketching and Constructing Geometric Figures	Lesson 2: Conditions of Unique Triangles	Lesson 3: Exploring and Constructing Circles	Lesson 4: Area and Circumference of a Circle	Lesson 5: Area and Circumference of Circular Regions
Pages	7-22	23-35	37-52	53-67	69-87
We will…	use tools and technology to draw and construct figures and determine the relationships among the sums of the side lengths of a triangle.	explore how many conditions, or given pieces of information, are needed to guarantee a unique triangle.	construct circles and determine the distance around a circle.	use a grid to estimate are of a circle and explore the relationship between the circumference and the area of a circle while expressing exact area	learn how to efficiently find the areas of circles and other circular regions.
Bell Ringer	Sketching and Constructing	Identical Triangles	Sketch a Circle	Estimating Area	Semi and Quarter Circles
Exit Ticket	Justify Forming Triangles	Identical or Unique	Circumference	Circumference vs. Area	Making and Framing a Window
I will...	construct geometric figure with given conditions and determine the relationship between the sum of two side lengths of a triangle and the third side length.	construct triangles with given conditions and determine which sets of conditions guarnatee a unique triangle.	define and construct circles given a radius or diameter and define pi and use it to determine circumference of a circle.	estimate the area of a circle and model and describe the relationship between circumference and area of a circle.	model and describe the relationshi[between the areas of circles, semi cirlces and quarter circles and solve real world problems regarding area and circumference.
Reminders					Module 3 Topic A Quiz on Monday.
State Standards	7.G.A.2. Draw (freehand, with ruler and protractor, or with technology) geometric shapes with given conditions.				
	7.G.B.4. Know the formulas for the area and circumference of a circle and solve problems; give an informal derivation of the relationship between the circumference and area of a circle.				