Math 3 Unit 4 Calendar - Reasoning with Geometry

## Essential Questions: 1. What are the special relationships with lines and angles in circles & triangles? 2. How can I prove & use these speical relationships?

NAME					
Day	Date	Торіс	State Standards	I Can	HW
w	17-Oct	Parallelogram Properties (MVP Math 2 5.8 Lesson)	NC.M3.G-CO.11	-solve for missing angle measurements and segment lengths using geometric relationships	Day 1 HW Pre-Requisite Quiz Due WEDNESDAY
TH	18-Oct	Two-Column Proofs	NC.M3.G-CO.14	-write formal proofs about triangles and parallelograms - write two-column proofs	Day 2 HW
F	19-Oct	Properties of Centers of Triangles Lab (MVP Math 2 5.9 Lesson *Notes ONLY*)	NC.M3.G-CO.10	-verify theorems about centers of triangles	Day 3 HW
М	22-Oct	QUIZ (Day 1-2) Derive Equation of Circle by Pythagorean Theorem	NC.M3.G-GPE.1	-relate the equation for a circle to the pythagorean theorem	Day 4 HW
т	23-Oct	Find Center & Radius by Completing the Square	NC.M3.G-GPE.1	-complete the square	Day 5 HW
w	24-Oct	Radian Measure	NC.M3.G-C.5	-relate arc length to angle measure	Day 6 HW Pre-Requisite Quiz Due by Midnight
тн	25-Oct	[Cumulative Exams Period 1 & 3] Arc Length	NC.M3.G-C.5	-determine the area of a sector and the length of an arc	Day 7 HW
F	26-Oct	[Cumulative Exams Period 2 & 4] Angles & Segments in Circles	NC.M3.G-C.2	-understand the geometric relationships between angles, segments and lines within a circle	Day 8 HW
ТН	25-Oct	Review			Study!
F	26-Oct	Unit 4 Test			
М	29-Oct	Polynomial Review			
т	30-Oct	END QUARTER 1 Factoring/Quadratic Formula Review			