Secondary Math 2: Quarter 3 Syllabus

Section	Assignment	Learning Targets	Confidence
Unit 9—Graphing Quadratics			
Essential Standard: I can graph quadratic functions from various forms.			
9-1 Quadratic Growth	HW 9-1	**9-1a:** I can explain quadratic growth.	1 2 3 4
		9-1b: I can describe and find the attributes of a quadratic function.	1 2 3 4
9-2 Graphing Quadratics from Standard Form and Intercept Form	HW 9-2	**9-2:** I can graph a quadratic equation from standard form.	1 2 3 4
		9-2b: I can graph a quadratic equation from intercept form.	1 2 3 4
9-3 Graphing Quadratics from Vertex Form	HW 9-3	**9-3:** I can graph a quadratic equation from vertex form.	1 2 3 4
9-4 Graphing Quadratics Contextual Problems	HW 9-4	**9-4:** I can solve quadratic equations in context. .	1 2 3 4
Review and Test			
Unit 10 – Circles			
Essential Standard: I can understand and apply theorems about circles.			
10-1 Circle equations	HW 10-1	**10-1:** I can write the equation for a circle.	1 2 3 4
10-2 Arc Length	HW 10-2	**10-2:** I can find an arc length.	1 2 3 4
10-3 Sector Area	HW 10-3	**10-3a:** I can convert degrees into radians. **10-3b:** I can find sector area of a circle.	1 2 3 4
10-4 Circle Tangents	HW 10-4	**10-4:** I can solve triangles using circle tangents.	1 2 3 4 1 2 3 4
10-5 Literal Equations	HW 10-5	**10-5:** I can solve an equation for a given variable.	1 2 3 4
Review and Test			
Unit 11 – Probability			
Essential Standard: I can use probability to interpret data.			
11-1 Experimental vs. Theoretical Probability	HW 11-1	**11-1a:** I can calculate basic probabilities. **11-1b:** I can explain the difference between theoretical and experimental probabilities.	1 2 3 4 1 2 3 4 1 2 3 4
11-2 Conditional probability	HW 11-2	**11-2:** I can calculate conditional probabilities	1 2 3 4 1 2 3 4
11-3 Multiple Representations	HW 11-3	**11-3:** I can represent data in multiple ways.	1 2 3 4
11-4 Independence	HW 11-4	**11-4:** I can determine if events are independent.	1 2 3 4
Review and Project			