Geometry Curriculum Map

Standards	Content	Skills/Practices	Materials/ Resources	Assessments (All) Daily/Weekly/Benchmarks	Timeline (Months/Weeks /Days)
G.CO.A.1	**UNIT 1 Angles**	○ Angles on a line ○ Parallel lines cut by a transversal ○ Angles in a triangle ○ w/ an auxiliary line **Vocabulary** ○ Congruent ○ Vertical ○ Complementary ○ Supplementary ○ Corresponding ○ Alternate Interior ○ Alternate Exterior ○ Same Side Interior ○ Remote Interior	○ Teacher created notes and handouts ○ Smartboard/Smart Notebook ○ DeltaMath.com	**Teacher Created:** ○ Do Now/Bell Ringer ○ Homework ○ DeltaMath.com ○ Quizzes ○ Benchmark at the end of the quarter	10 Days
G.GPE.B.5 G.GPE.B.6 G.GPE.B.7	**UNIT 2 Coordinate Geometry**	○ Slope ○ MIdpoint ○ Distance/Length ○ Slope/Intercept Form ○ $y = mx + b$ ○ Point/Slope Form ○ $y - y = m(x - x)$ ○ Directed Line Segments ○ Radicals	○ Teacher created notes and handouts ○ Smartboard/Smart Notebook ○ DeltaMath.com	**Teacher Created:** ○ Do Now/Bell Ringer ○ Homework ○ DeltaMath.com ○ Quizzes ○ Benchmark at the end of the quarter	15 Days

		○ Simplest Radical Form ○ Perimeter ○ Area (Box Method)			
G.CO.D.12 G.CO.D.13 G.C.A.3	**UNIT 3 Constructions**	○ Bisect an Angle ○ Copy an Angle ○ Perpendicular Bisector ○ Equilateral Triangle	○ Teacher created notes and handouts ○ Smartboard/Smart Notebook ○ DeltaMath.com	**Teacher Created:** ○ Do Now/Bell Ringer ○ Homework ○ DeltaMath.com ○ Quizzes ○ Benchmark at the end of the quarter	10 Days
G.CO.C.11	**UNIT 4 Quadrilaterals**	○ Properties ○ Special Quads ○ Mathematical Evidence ○ Proofs **Vocabulary** ○ Parallelogram ○ Rhombus ○ Rectangle ○ Square ○ Trapezoid ○ Kite ○ Diagonal	○ Teacher created notes and handouts ○ Smartboard/Smart Notebook ○ DeltaMath.com	**Teacher Created:** ○ Do Now/Bell Ringer ○ Homework ○ DeltaMath.com ○ Quizzes ○ Benchmark at the end of the quarter	15 Days
G.SRT.C.6 G.SRT.C.7 G.SRT.C.8	**UNIT 5 Trigonometry**	○ Trig Ratios ○ Sine ○ Cosine ○ Tangent ○ SOH CAH TOA ○ Opposite ○ Adjacent	○ Teacher created notes and handouts ○ Smartboard/Smart Notebook ○ DeltaMath.com	**Teacher Created:** ○ Do Now/Bell Ringer ○ Homework ○ DeltaMath.com ○ Quizzes ○ Benchmark at the end of the quarter	12 Days

		○ Co-functions ○ Law of Sines			
G.SRT.A.1a G.SRT.A.3	**UNIT 6** **Similarity**	○ Isosceles ○ Mid-Segment ○ Side Splitter ○ Similar ○ Median ○ Centroid ○ Mean Proportional (HLLP & PAAP) ○ Pythagorean Thm ○ Special Right Triangles	○ Teacher created notes and handouts ○ Smartboard/Smart Notebook ○ DeltaMath.com	**Teacher Created:** ○ Do Now/Bell Ringer ○ Homework ○ DeltaMath.com ○ Quizzes ○ Benchmark at the end of the quarter	15 Days
G.C.A.1 G.C.A.2 G.C.B.5 G.GPE.A.1. G.GPE.B.4	**UNIT 7** **Circles**	○ Radius ○ Diameter ○ Chord ○ Arc ○ Arc Measure ○ Central Angle ○ Inscribed Angle ○ Exterior Angle ○ Interior Angle ○ Secant Line ○ Tangent Line ○ Radian ○ Sector	○ Teacher created notes and handouts ○ Smartboard/Smart Notebook ○ DeltaMath.com	**Teacher Created:** ○ Do Now/Bell Ringer ○ Homework ○ DeltaMath.com ○ Quizzes ○ Benchmark at the end of the quarter	20 Days
G.CO.A.2 G.CO.A.3 G.CO.A.4 G.CO.A.5 G.CO.B.6	**UNIT 8** **Transformations**	○ Translation ○ Reflection ○ Rotation ○ Dilation ○ Scale Factor	○ Teacher created notes and handouts ○ Smartboard/Smart Notebook ○ DeltaMath.com	**Teacher Created:** ○ Do Now/Bell Ringer ○ Homework ○ DeltaMath.com ○ Quizzes	12 Days

G.SRT.A.1b G.SRT.A.2		○ Pre-Image/Image ○ Symmetry ○ Sequence ○ Composition		○ Benchmark at the end of the quarter	

G.CO.B.7
G.CO.B.8
G.CO.C.9
G.CO.C.10
G.CO.C.11
G.SRT.B.4
G.SRT.B.5
	**UNIT 9
	Congruence/Proofs**
		○ Theorems
		○ Postulates
		○ Congruent Triangles
		  use ASA, SAS, SSS,
		  AAS, HL
		○ CPCTC
		○ Similar Triangles use
		  AA, SSS, SAS
		○ CSSTP
			○ Teacher created
			  notes and handouts
			○ Smartboard/Smart
			  Notebook
			○ DeltaMath.com
				Teacher Created:
				○ Do Now/Bell Ringer
				○ Homework
				○ DeltaMath.com
				○ Quizzes
				○ Benchmark at the end of
				  the quarter
					25 Days

G.GMD.A.1
G.GMD.A.3
G.GMD.B.4
G.MG.A.1
G.MG.A.2
	**UNIT 10
	Solids**
		○ Perimeter
		○ Area
		○ Surface Area
		○ Volume
		○ Density
		○ Unit Conversions
			○ Teacher created
			  notes and handouts
			○ Smartboard/Smart
			  Notebook
			○ DeltaMath.com
				Teacher Created:
				○ Do Now/Bell Ringer
				○ Homework
				○ DeltaMath.com
				○ Quizzes
					10 Days

	**UNIT 11
	Review**
			○ Teacher created
			  notes and handouts
			○ Smartboard/Smart
			  Notebook
			○ DeltaMath.com
				Teacher Created:
				○ Do Now/Bell Ringer
				○ Homework
				○ DeltaMath.com
				○ Quizzes
					20 Days