Recommended Advanced Geometry Curriculum Framework

Content: MATHEMATICS – ADVANCED GEOMETRY						
Topic: Unit 1 Introduction to Geometry 8 days						
Content (What do your students need to KNOW?)	**Demonstrators** (What do your students need to be able to DO?)	**Assessment** (How will you assess what your students ALREADY KNOW, and assess WHAT THEY'VE LEARNED?)	**Activities** (HOW will you teach it?)	**Resources** (What MATERIALS will you need?)	**Differentiation** (How will you reach the DIVERSITY of learners?)	**Literacy Connection** (How will you use READING and WRITING with this material?)
MA-H 2.1.2 Students will define, describe properties of, give examples of, and apply to both real-world and mathematical situations spatial relationships such as betweenness, parallelism, and perpendicularity **MA-H 1.1.1** Students will apply real numbers to both real-world and mathematical situations.	**Academic Expectations** **1.5 - 1.9** Students use mathematical ideas and procedures to communicate, reason, and solve problems. 2.9 Students understand space and dimensionality concepts and use them appropriately and accurately. **Program of Studies** **M-H-G-5** Students will integrate constructions such as segments and angles, segment bisectors, perpendiculars, angle bisectors, parallel lines, circles, arcs, and polygons.			Competency Assurance: Between Also, p. 38 #9, p.43 #14		