



Recommended Advanced Geometry Curriculum Framework

Content: MATHEMATICS – ADVANCED GEOMETRY						
Topic: Unit 8 Similar Polygons 6 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?)
<p>MA-H-1.1.3 Students will apply real numbers to both real-world and mathematical situations</p> <p>MA-H-2.2.5 Students will apply the concepts of congruence and similarity to solve real-world and mathematical problems (not including proofs).</p>	<p>Academic Expectations 1.5 - 1.9 Students use mathematical ideas and procedures to communicate, reason, and solve problems. 2.7 Students understand number concepts and use numbers appropriately and accurately. 2.8 Students understand various mathematical procedures and use them appropriately and accurately. 2.10 Students understand measurement concepts and use measurements appropriately and accurately.</p> <p>Program of Studies M-H-G-14 Students will prove triangles and other polygons congruent and similar, and explore corresponding parts relationships.</p>			<p>Competency Assurance: Garden Competency Assurance: Pond and Surveyor</p>		