



Content: MATHEMATICS – Advanced Alg II						
Topic: Unit 8—Irrational Algebraic Functions 5 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-4.2.6 Students will determine approximate solutions to quadratic equations.</p> <p>MA-H-4.2.8 Students will use direct and inverse variation to solve real-world problems.</p>	<p>Academic Expectations 1.5 - 1.9 Students use mathematical ideas and procedures to communicate, reason, and solve problems. 1.1 Students use reference tools such as dictionaries, almanacs, encyclopedias, and computer reference programs and research tools such as interviews and surveys to find the information they need to meet specific demands, explore interests, or solve specific problems.</p>					