



<b>Content: MATHEMATICS – Advanced Alg II</b>						
<b>Topic: Unit 7–Rational Algebraic Functions 13 days</b>						
<b>Content</b> (What do your students need to KNOW?)	<b>Demonstrators</b> (What do your students need to be able to DO?)	<b>Assessment</b> (How will you assess what your students ALREADY KNOW, and assess WHAT THEY'VE LEARNED?)	<b>Activities</b> (HOW will you teach it?)	<b>Resources</b> (What MATERIALS will you need?)	<b>Differentiation</b> (How will you reach the DIVERSITY of learners?)	<b>Literacy Connection</b> (How will you use READING and WRITING with this material?)
<p><b>Core Content for Assessment</b>  <b>MA-H-4.2.7</b> Students will add, subtract, and multiply polynomial expressions, and students will factor polynomial expressions using the greatest common monomial factor.</p> <p><b>MA-H-4.2.8</b> Students will use direct and inverse variation to solve real-world problems.</p>	<p><b>Academic Expectations</b>  <b>1.5 - 1.9</b> Students use mathematical ideas and procedures to communicate, reason, and solve problems.  <b>1.1</b> 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>			<p>Supplement Synthetic Division between 7.5 and 7.6</p>		