



Content: MATHEMATICS – Advanced Alg II								
Topic: Unit 10–Quadratic Relations and Systems 7½ 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-4.1.4 Students will identify linear, quadratic, absolute value, and exponential functions from graphs and equations.</p>	<table border="1"> <tr> <td> <p>Academic Expectations 1.5 - 1.9 Students use mathematical ideas and procedures to communicate, reason, and solve problems.</p> <p>2.11 Students understand mathematical change concepts and use them appropriately and accurately.</p> </td> <td> <p>Program of Studies M-H-A-8 Students will use the skills learned to solve linear equations and inequalities to solve numerically, graphically, or symbolically non-linear equations such as quadratic and exponential equations.</p> </td> </tr> </table>	<p>Academic Expectations 1.5 - 1.9 Students use mathematical ideas and procedures to communicate, reason, and solve problems.</p> <p>2.11 Students understand mathematical change concepts and use them appropriately and accurately.</p>	<p>Program of Studies M-H-A-8 Students will use the skills learned to solve linear equations and inequalities to solve numerically, graphically, or symbolically non-linear equations such as quadratic and exponential equations.</p>			<p>Competency Assurance Task – Graphing pictures with conics</p>		
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