



Content: MATHEMATICS – Algebra I								
Topic: Ch 8 – Introduction to Functions(9 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-4.1.1 Students will understand the concept of a function and roles of independent and dependent variables.</p> <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-4 Students will use characteristics of the graphs of linear functions, such as slope and intercepts, transformations</p> <p>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-4 Students will use characteristics of the graphs of linear functions, such as slope and intercepts, transformations</p> <p>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>Line of Best Fit p.378 Perpendicular Lines p.370 Graph: p581 Maintain Skills p.410</p>		
<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-4 Students will use characteristics of the graphs of linear functions, such as slope and intercepts, transformations</p> <p>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>							