

Pickens High School Lesson Planning Template

Grade Level: 11th Teacher/Room: D. Culbreth / 214 Course(s)/ Period(s): Advanced Algebra / Week of: 10/3/2016				
Unit Vocabulary: Logarithm, Rational Expressions, Difference of 2 Squares, Rational Root Theorem, Geometric Sequence, Arithmetic Sequence, Multiplicity				
Instructional Strategies Used: Direct Instruction, Problem Based Instruction, Interactive Instruction				
Day 1	Day 2	Day 3	Day 4	Day 5
Common Core Standard(s): MCC9-12.A.APR.2	Common Core Standard(s): MCC9-12.A.APR.2	Common Core Standard(s): MCC9-12.A.APR.2	Common Core Standard(s): MCC9-12.A.APR.2	Common Core Standard(s): MCC9-12.A.APR.2
Essential Question: How do you cancel out a logarithm in an equation?	Essential Question: How can you factor out a quadratic expression?	Essential Question: What is the most efficient way to add rational expressions?	Essential Question: What is the difference between Geometric and Arithmetic Sequences?	Essential Question: What does it mean for a number to have multiplicity?
Mini Lesson: <ul style="list-style-type: none"> • Graphing Polynomials Activating Strategies: <ul style="list-style-type: none"> • Warm-Up Lesson: <ul style="list-style-type: none"> • Logarithm Properties • Exponential Equations • Logarithmic Equations Resource/Materials: <ul style="list-style-type: none"> • Holt/ McDougal Online Textbook 	Mini Lesson: <ul style="list-style-type: none"> • Factor by Grouping Activating Strategies: <ul style="list-style-type: none"> • Warm-Up Lesson: <ul style="list-style-type: none"> • Review of All Types of Factoring Resource/Materials: <ul style="list-style-type: none"> • Holt/McDougal Online Textbook 	Mini Lesson: <ul style="list-style-type: none"> • Fundamental Theorem of Algebra Activating Strategies: <ul style="list-style-type: none"> • Warm-Up Lesson: <ul style="list-style-type: none"> • Review of All Types of Rational Expressions Resource/Materials: <ul style="list-style-type: none"> • Holt/McDougal Online Textbook 	Mini Lesson: <ul style="list-style-type: none"> • Properties of Exponents Activating Strategies: <ul style="list-style-type: none"> • Warm-Up Lesson: <ul style="list-style-type: none"> • Review of All Types of Sequences Resource/Materials: <ul style="list-style-type: none"> • Holt/McDougal Online Textbook 	Mini Lesson: <ul style="list-style-type: none"> • Simplifying Polynomials Activating Strategies: <ul style="list-style-type: none"> • Warm-Up Lesson: <ul style="list-style-type: none"> • Review for Midterm Resource/Materials: <ul style="list-style-type: none"> • Holt/McDougal Online Textbook
Differentiation: Content/Process/Product: <ul style="list-style-type: none"> • Individual White Boards Grouping Strategy: <ul style="list-style-type: none"> • Think, Pair, Share Assessment: <ul style="list-style-type: none"> • Formative Assessment 	Differentiation: Content/Process/Product: <ul style="list-style-type: none"> • Individual White Boards Grouping Strategy: <ul style="list-style-type: none"> • Think, Pair, Share Assessment: <ul style="list-style-type: none"> • Formative Assessment 	Differentiation: Content/Process/Product: <ul style="list-style-type: none"> • Individual White Boards Grouping Strategy: <ul style="list-style-type: none"> • Think, Pair, Share Assessment: <ul style="list-style-type: none"> • Formative Assessment 	Differentiation: Content/Process/Product: <ul style="list-style-type: none"> • Individual White Boards Grouping Strategy: <ul style="list-style-type: none"> • Think, Pair, Share Assessment: <ul style="list-style-type: none"> • Summative Assessment 	Differentiation: Content/Process/Product: <ul style="list-style-type: none"> • Individual White Boards Grouping Strategy: <ul style="list-style-type: none"> • Think, Pair, Share Assessment: <ul style="list-style-type: none"> • Formative Assessment
Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Summative:</i> <i>Performance Based:</i>	Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Summative:</i> Logarithm Quiz <i>Performance Based:</i>	Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Summative:</i> <i>Performance Based:</i>	Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Summative:</i> <i>Performance Based:</i>	Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Summative:</i> Midterm <i>Performance Based:</i>
Homework:	Homework:	Homework:	Homework:	Homework:

Resources and Reflective Notes: