

Central R-III Curriculum Form

Algebra	Subject/Units of Instruction: Unit 9- Polynomial Operations with an emphasis in Factoring	
Pacing: 4 weeks = 20 days	Priority Standard:	
	A1.SSE.A.1 Interpret the contextual meaning of individual terms or factors from a given problem that utilizes formulas or expressions.	
	A1.NQ.A.2 Rewrite expressions involving radicals and rational exponents using the properties of exponents. Limit to rational exponents with a numerator of 1.	
	Supporting Standards:	
Learning Targets and Success Criteria for each Priority Standard:		
Learning Activities: https://drive.google.com/drive/folders/0Bzzvd-grtd02ZkEzNVZSZ2gwdGc?usp=sharing		
Lesson 1 - Adding / Subtracting Polynomials <ul style="list-style-type: none">- students will take notes and practice using math xl and/or worksheet Lesson 2 - Multiplying polynomials <ul style="list-style-type: none">- students will take notes and practice using math xl and/or worksheet Lesson 3 - Factoring polynomials using GCF <ul style="list-style-type: none">- students will take notes and practice using math xl and/or worksheet Lesson 4 - Factoring Special Cases including Difference of Squares <ul style="list-style-type: none">- students will take notes and practice using math xl and/or worksheet Lesson 5 - Factoring Trinomials with coefficient = 1 <ul style="list-style-type: none">- students will take notes and practice using math xl and/or worksheet Lesson 6 - Factoring by Grouping <ul style="list-style-type: none">- students will take notes and practice using math xl and/or worksheet Lesson 7 - Factoring Trinomials with coefficients > 1 <ul style="list-style-type: none">- students will take notes and practice using math xl and/or worksheet		
Prerequisite (Prior Skills Set Needed) :		
simplifying algebraic expressions (combining like terms) factoring numbers (factor tree / L-Bracket)		

multiplication facts** simplifying perfect radicals (square roots) Greatest Common factors of numbers		
Assessment Activities(Formal Assessments): https://drive.google.com/drive/folders/0Bzzvd-grtd02S181QUU4MVdiVk0?usp=sharing https://dese.mo.gov/sites/default/files/asmt-eoc-alg1-practice-form.pdf	Assessments: https://drive.google.com/drive/folders/0Bzzvd-grtd02S181QUU4MVdiVk0?usp=sharing	
Academic Vocabulary: GCF, Difference of Squares, Trinomial, Trinomial w Coefficient, Grouping		
Other Resources and Notes: MathXL		