



Young Women's College Preparatory Academy
Girls Rock 2014-2015



Teachers' Name: Heather York
Grade Level: Sophomore

Week of: 12/1/2014
Subject: Algebra II

DATE	BELL RINGER <i>This is the activity that students will be expected to do before class begins.</i>	TEKS/STUDENT EXPECTATIONS/ OBJECTIVES <i>What will students know and be able to do? How will you let them know the goals? Write in student friendly language.</i>	INSTRUCTIONAL ACTIVITIES (ANAG) <i>Accessing Prior Knowledge, New Information, Apply Knowledge, Generalization</i>	ASSESSMENT <i>How will students show you what they know and can do using a variety of formative assessments?</i>	ACCOMMODATIONS FOR SPECIAL NEEDS <i>(What different teaching strategies are used to teach all students including GT, 504, LEP, and Special Ed?)</i>	RESOURCES & MATERIALS
Mon	Adding and Subtracting Polynomials	I will add, subtract, and multiply polynomials I will determine the linear factors of a polynomial function of degree 3 and 4 using algebraic methods I will determine linear and quadratic factors of a polynomial of degree 3 and 4, including factoring the sum and difference of cubes and factoring by grouping	Activity: Polynomial Operations Notes: Factoring and Solving Polynomials	Homework Class observation Cold calling	1/3 Model Stations Peer teaching Challenge questions Lunch and after school tutorials	BrainGenie Khan Academy HUB Textbooks Graphing Calculators
Tues	Evaluating Polynomials	I will graph polynomial functions and analyze the domain, range, intercepts, symmetries, and maximum and minimums of the graphs	Exploration: Graphs of Polynomial Functions Gizmo	Homework Class observation Cold calling	1/3 Model Stations Peer teaching Challenge questions Lunch and after school tutorials	BrainGenie Explore Learning HUB Textbooks Graphing Calculators
Wed	None	I will determine the quotient of a polynomial of degree 3 and 4 when divided by a polynomial of degree 1 and 2 I will determine the linear factors of a polynomial	Quiz: Polynomial Basics Activity: Dividing Polynomials Notes: Factor Theorem	Notes Homework Class observation Cold calling	1/3 Model Stations Peer teaching Challenge questions Lunch and after school tutorials	BrainGenie Explore Learning HUB Textbooks Graphing Calculators



Young Women's College Preparatory Academy
Girls Rock 2014-2015



		function of degree 3 and 4 using algebraic methods				
Thurs	Adding and Subtracting Polynomials	I will add, subtract, and multiply polynomials I will determine the linear factors of a polynomial function of degree 3 and 4 using algebraic methods I will determine linear and quadratic factors of a polynomial of degree 3 and 4, including factoring the sum and difference of cubes and factoring by grouping	Activity: Polynomial Operations Notes: Factoring and Solving Polynomials	Homework Class observation Cold calling	1/3 Model Stations Peer teaching Challenge questions Lunch and after school tutorials	BrainGenie Khan Academy HUB Textbooks Graphing Calculators
Fri	None	I will determine the quotient of a polynomial of degree 3 and 4 when divided by a polynomial of degree 1 and 2 I will determine the linear factors of a polynomial function of degree 3 and 4 using algebraic methods	Quiz: Polynomial Basics Activity: Dividing Polynomials Notes: Factor Theorem	Notes Homework Class observation Cold calling	1/3 Model Stations Peer teaching Challenge questions Lunch and after school tutorials	BrainGenie Explore Learning HUB Textbooks Graphing Calculators