Alg2:Mrs. Harden-Moros Unit 4 HW Syllabus*

Day	Date	Description	Homework
1	11/12	Exponent Properties Introduction to Polynomial Functions Polynomial Operations – *Addition and Subtraction*	• Properties of Exponents WKST #1-3, 14, 19 • Polynomials WKST #1-14 all
2	11/14	Polynomial Operations - *Multiplication* Factoring Bootcamp 2 - *Sum and Difference of Cubes, Grouping, Quadratic Form*	• Pg. 162 #18, 19, 25, 43, 47, 51 • More Factoring Techniques WKST (odds)
3	11/28	Polynomial Operations – *Division, Synthetic Substitution*	• Polynomial Division WKST #1-14 all
4	11/20	Review Unit 4 Lesson 1 & 2 Solving Polynomial Equations by Factoring	• Polynomial Division WKST #15-32 all This part of the WKST is REVIEW from lesson 1 & 2 of Unit 4. • Pg. 170 #2-6 all, 8-11 all, #13-18 all (Change directions here to divide using the best method: split up terms, long division, or synthetic division) • Pg. 172 #53-56 all
5	11/22	**QUIZ**: Unit 4 Lesson 1 & 2 Writing Polynomial Equations Given Roots	• Solving Polynomial Equations by Factoring WKST #1-18 all
6	11/26	Factor Theorem Introduction to the Rational Zero Theorem – *Listing Possible Rational Zeros* Review for Quiz on Lesson 3,4, & 5	• Finding Zeros of Polynomials WKST 1 #1-22 all
7	12/3	**QUIZ**: Unit 4 Lesson 3, 4, & 5 Solving Polynomial Equations - *Rational Zero Theorem, Complex Conjugate Theorem*	• Finding Zeros of Polynomials WKST 2 (ODDS only) • Finding Zeros of Polynomials WKST 3 #1-12 all
8	12/5	Review for Unit 4 Test	• Unit 4 Review WKST
9	12/9	Unit 4 TEST	• Begin Midterm Review
10	12/11	Midterm Review	• Continue Midterm Review
11	12/13	Midterm Review	• Complete Midterm Review

*Subject to change.