

ALGEBRA 2

Teacher: Sharlene Evans

November 4 - December 19

Unit 3 - Polynomial Functions

Desired Results--What do we want students to know and do?

Student Learning Targets:

1. I can
 - graph polynomial functions and show the key features of the graph
 - predict the end behavior of polynomial functions by interpreting the leading coefficients and degrees
 - sketch graphs showing key features, given a verbal description
2. I can add, subtract and multiply polynomials
3. I can divide polynomials using long division and use synthetic division to rewrite rational expressions
4. I can identify the zeros of a function and use the zeros of a polynomial function to sketch its graph

Evidence-How will we know they learned?

Assessment(s) of Learning Targets

November 12/13 - Unit 3 Quiz

December 3/4 - Unit 3 Assessment

Week of December 15 - Semester Exams

Learning Plan--Plan for instruction, intervention, and extension.

Wednesday & Thursday 11/5 and 11/6	Monday & Tuesday 11/10 and 11/11	Wednesday & Thursday 11/12 & 11/13
3.1 Graphing Polynomial Functions	3.2 Adding, Subtracting and Multiplying Polynomials	Unit 2 Quiz 3.4 Dividing Polynomials
Friday 11/14	Monday & Tuesday 11/17 & 11/18	Wednesday & Thursday 11/19 & 11/20
Remediation and Enrichment	3.5 Zeros of Polynomial Functions - Part 1	3.5 Zeros of Polynomial Functions - Part 2

Friday 11/21	Monday - Friday 11/24 - 11/28	
Remediation and Enrichment	NO SCHOOL THANKSGIVING BREAK	
Monday & Tuesday 12/1 and 12/2	Wednesday & Thursday 12/3 and 12/4	Friday & Monday 12/5 and 12/8
Unit 3 Review	UNIT 3 TEST	Remediation and Enrichment
Tuesday - Friday 12/10 - 12/12	Monday - Friday 12/15 - 12/19	December 22 - Jan 2
IXL Benchmark	SEMESTER REVIEW AND EXAMS	WINTER BREAK