

SAHS-Math-Algebra 2 V4-2015

Teachers please choose the Unit(s) this student needs to master in PLATO in order to receive credit recovery. Please Note: Material for recovery can only be assigned for terms (quarters/semesters) that a student has already failed not for a grading period a student is currently participating in.

Student Name: _____ StudentID: _____

Teacher Name _____ Grade Received: _____

Credit Recovery Needed: (Please list grade received for the quarter)

Quarter1: _____ Quarter2: _____ Quarter3 _____ Quarter4: _____

Chapter 1: Foundations for Functions

_____ Please check here if chapter must be completed

- _____ Transformation of Functions
- _____ Translations and Transformations
- _____ Making and Interpreting Correlations
- Regression
- _____ Regression Video: Remember, you can put in Y1!
- _____ Regression Keystrokes
- _____ 1-4: Worksheet

Chapter 2: Quadratic Functions

_____ Please check here if whole chapter must be completed

Unit 2: Factoring

_____ Please check here if whole unit must be completed

- Pretest-Unit 2
- _____ Greatest Common Factors of Monomials
- _____ Monomial Factors of Polynomials
- _____ Binomial Factors of Polynomials, Part 1
- _____ Binomial Factors of Polynomials, Part 2
- _____ Factoring the Difference of 2 Squares
- _____ Factoring Perfect Square Trinomials
- _____ Factoring Trinomials, Part 1
- _____ Factoring Trinomials, Part 2
- Post Test-Unit 2

Unit 3: Single-Variable Quadratic Equations

_____ Please check here if whole unit must be completed

- Pretest-Unit 3
- _____ Special Quadratic Equations, Part 1
- _____ Special Quadratic Equations, Part 2
- _____ Solving Simple Quadratic Equations
- _____ Solving Quadratic Equations by Factoring, Part 1
- _____ Solving Quadratic Equations by Factoring, Part 2
- _____ Solving Quadratic Equations by Factoring, Part 3
- _____ Quadratic Formula
- Post Test-Unit 3

Parabola

- _____ Parabola and Its Intercepts
- _____ Parabola and Its Vertex

Unit 3: Complex Numbers

_____ Please check here if whole unit must be completed

- Pretest-Unit 3
- _____ Adding and Subtracting Complex Numbers
- _____ Multiplying and Dividing Complex Numbers
- _____ Solving Quadratic Equations in the Complex Number System
- Post Test-Unit 3

Quad Regression

- _____ Quad Regression Keystrokes
- _____ 2-8 Worksheet

Chapter 3: Polynomial Functions

_____ Please check here if whole chapter must be completed

Unit 1: Polynomials

_____ Please check here if whole unit must be completed

- Pretest-Unit 1
- _____ Classifying Polynomials
- _____ Polynomial Sum
- _____ Polynomial Difference
- _____ Product of a Monomial and Polynomial
- _____ Product of Polynomials
- _____ Quotient of a Monomial and Polynomial
- _____ Quotient of a Binomial and Polynomial
- Post Test-Unit 1

Polynomial Functions

- _____ Graphing Polynomial Functions
- _____ Dividing Polynomials Using Synthetic Division

Cubic Regression

- _____ Cubic Regression Keystrokes
- _____ 3-9 Worksheet

Chapter 4: Exponential and Logarithmic Functions

_____ Please check here if whole chapter must be completed

- _____ Inverse of a Function

Unit 6: Rules of Exponents and Polynomials

_____ Please check here if whole unit must be completed

- Pretest-Unit 6
- _____ Integer Exponents and the Product Rule
- _____ Integer Exponents and the Quotient Rule
- _____ Integer Exponents and the Power Rule, Part 1
- _____ Integer Exponents and the Power Rule, Part 2
- Post Test-Unit 6
- _____ Exponential Growth
- _____ Exponential Decay
- _____ Properties of Exponential Functions
- _____ Properties of Logarithmic Functions
- _____ Solving Problems: Exponential and Logarithmic
- _____ Graphing Exponential and Logarithmic Functions
- Regression
- _____ Regression Keystrokes
- _____ 4-8Worksheet

Chapter 5: Rational and Radical Functions

_____ Please check here if whole chapter must be completed

Unit 1: Polynomial, Rational, and Radical Relationships

_____ Please check here if whole unit must be completed

- Pretest-Unit 1
- _____ Evaluating Rational Expressions
- _____ Restrictions on Rational Expressions
- _____ Equivalent Forms of Rational Expressions
- _____ Simplifying Rational Expressions
- _____ Simplifying Polynomial Expressions
- _____ Sum of Rational Expressions, Part 1
- _____ Difference of Rational Expressions, Part 1
- _____ Product of Rational Expressions
- Post Test- Unit 1

Unit 2: Advanced Polynomial, Rational, and Radical Relationships

_____ Please check here if whole unit must be completed

- Pretest-Unit 2
- _____ Quotient of Rational Expressions
- _____ Common Denominators of Rational Expressions
- _____ Sum of Rational Expressions, Part 2
- _____ Difference of Rational Expressions, Part 2
- _____ Simplifying Algebraic Expressions
- _____ Review: Rational Expressions
- _____ Rewriting Rational Expressions
- _____ Factoring Algebraic Expressions
- _____ Dividing Polynomials Using Synthetic Division
- Post Test-Unit 2

SAHS Final

_____ Algebra 2 Final

Office Use Only:

Counselor Name: _____ Referral Date: _____

Day: 1 2 Period: 1/2 3/4 5/6 7/8

Completion Date: _____ Teacher/Administrator: _____