

Curriculum Map: CC Algebra 2

Course: CC ALGEBRA II Sub-topic: Algebra

Grade(s): 10 to 11

Course Description: CC Algebra 2 is designed to review and expand upon a student's prior knowledge in Algebra. After completion of the course, students should have a good foundation in all algebraic concepts that may arise in future mathematics courses and should be better prepared for Standardized Tests such as the SAT.

Unit: Unit 1: Algebra Review and Factoring

Topic: Algebra 1 Review

Minutes for Topic: 258

Topic: Graphs and Solutions of Equations

Minutes for Topic: 344

Topic: Linear Equations in 1-Variable

Minutes for Topic: 172

Topic: Factoring

Minutes for Topic: 516

Topic: Review: Unit 1

Minutes for Topic: 86

Topic: Test: Unit 1

Minutes for Topic: 86

Unit: Unit 2: Rational Expressions and Equations

Topic: Rational Expressions

Minutes for Topic: 602

Topic: Rational Equations

Minutes for Topic: 516

Topic: Review: Unit 2

Minutes for Topic: 86

Topic: Test: Unit 2

Minutes for Topic: 86

Unit: Unit 3: Various Word Problems

Topic: Basic Word Problems

Minutes for Topic: 172

Topic: Distance - Rate - Time

Minutes for Topic: 172

Topic: Mixture Problems

Minutes for Topic: 430

Topic: Review: Unit 2

Minutes for Topic: 86

Topic: Test: Unit 2

Minutes for Topic: 86

Unit: Unit 4: Quadratics

Topic: Extracting Square Roots

Minutes for Topic: 258

Topic: Completing the Square

Minutes for Topic: 172

Topic: Quadratic Formula

Minutes for Topic: 172

Topic: Graphing Quadratics

Minutes for Topic: 344

Topic: Quadratic Applications

Minutes for Topic: 344

Topic: Review: Unit 4

Minutes for Topic: 86

Topic: Test: Unit 4

Minutes for Topic: 86

Unit: Unit 5: Complex #'s and Other Equations

Topic: Complex Numbers

Minutes for Topic: 172

Topic: Polynomial Equations

Minutes for Topic: 172

Topic: Radical Equations

Minutes for Topic: 258

Topic: Abs Value Equations

Minutes for Topic: 172

Unit: Unit 6: Inequalities and Functions

Topic: Linear Inequalities

Minutes for Topic: 172

Topic: Polynomial Inequalities

Minutes for Topic: 172

Topic: Rational Inequalities

Minutes for Topic: 86

Topic: Function Notation

Minutes for Topic: 172

Topic: Analyzing Graphs

Minutes for Topic: 172

Topic: Parent Functions and Rigid Transformations

Minutes for Topic: 258

Topic: Review: Unit 6

Minutes for Topic: 86

Topic: Test: Unit 6

Minutes for Topic: 86

Unit: Review and Final Exam

Topic: Review for Final Exam

Minutes for Topic: 172

Topic: Final Exam

Minutes for Topic: 172