

Advanced Algebra 1-2 (4063, 4064)
Suggested Pacing and Assessment Guide 2008-2009
Text: Smith, et al., *Algebra 1*, Prentice Hall, 2001
(Year Round Schedule)

Month	Module	Number of Days
September 21 instructional days	Chapter 1: Introduction to Algebra Chapter 2: Integers and Rational Numbers Chapter 3: Equations	8 days 9 days 4 days
October 23 instructional days <i>*Benchmark #1</i> 10/20 – 10/24	Chapter 3: Equations Lessons 4-2, 4-3, 4-4: Solving Inequalities Chapter 7: Graphs & Linear Equations	11 days 6 days 6 days
November 14 instructional days Thanksgiving 11/24 – 11/28	Chapter 7: Graphing Linear Equations & Functions Lesson 8-1: Solve Systems of Equations (Graphs only) Lesson 8-4: Using Systems of Equations (Graphs only)	10 days 2 days 2 days
December 15 instructional days Winter Break 12/22 – 1/19	Lesson 9-5: Inequalities in Two Variables Lesson 9-6: Graphing Systems of Linear Inequalities Lessons 12-3: Linear Functions Lessons 11-3, 11-4: Simplify Radical Expressions Lessons 5-1, 5-2: Exponents	3 days 3 days 2 days 4 days 3 days
January 9 instructional days	Chapter 5: Exponents and Polynomials	9 days
February 18 instructional days <i>*Benchmark #2</i> 2/2 – 2/6	Chapter 6: Polynomials and Factoring Lessons 10-1, 10-9: Rational Expressions Lessons 10-2, 10-3, 10-6: Rational Expressions & Equations	10 days 3 days 5 days
March 22 instructional days <i>*Benchmark #3</i> 3/30 – 4/3	Lessons 12-4, 13-1: Quadratic Functions Lesson 13-3: Solving by Completing the Square Lesson 13-4: The Quadratic Formula Lesson 13-5: Solving Rational Equations Lesson 13-2, 13-7: Using Quadratic Equations Chapter 8: Systems of Equations	3 days 2 days 2 days 2 days 3 days 10 days
April 3 instructional days Spring Break 4/6 – 5/1	Chapter 8: Systems of Equations (completion)	3 days
May 19 instructional days <i>CST: 5/28 – 6/18</i>	Lesson 9-6: Graphing Systems of Inequalities Lessons 10-4, 10-5: Add & Subtract Rational Expressions Lessons 10-7: Using Rational Equations Lesson 10-10: Complex Rational Expressions CST Review: Linear Equations, Vertical Motion Problems, Work & Mixture Problems, Graph Quadratic Equations	2 days 3 days 2 days 2 days 10 days
June 22 instructional days <i>CST: 5/28 – 6/18</i>	Lessons 12-5, 12-6: Direct & Inverse Variation Lesson 12-7: Joint & Combined Variation Lessons 9-2, 9-3, 9-4: Solving Compound Sentences & Absolute Value Equations Lessons 11-2, 13-6: Radical Expressions & Equations	4 days 2 days 7 days 5 days
July 14 instructional days <i>*End-of-Course Exam</i> 7/6 – 7/21	Lesson 11-7, 11-8: Using the Pythagorean Theorem Lesson 7-10: Reasoning Strategies Lesson 2-10: Number Properties and Proofs	5 days 4 days 5 days

* High school teachers have the option of using the District Benchmark Assessments and End-of-Course Exam or collaboratively developing assessments at the site. Middle school teachers are required to use the District Benchmark Assessments and the End-of-Course Exam.