

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

<b>Month</b>	<b>Module</b>	<b>Number of Days</b>
<b>September</b> 21 instructional days	<b>Chapter 1:</b> Introduction to Algebra <b>Chapter 2:</b> Integers and Rational Numbers <b>Chapter 3:</b> Equations	8 days 9 days 4 days
<b>October</b> 23 instructional days <i>*Benchmark #1</i> 10/20 – 10/24	<b>Chapter 3:</b> Equations <b>Lessons 4-2, 4-3, 4-4:</b> Solving Inequalities <b>Chapter 7:</b> Graphs & Linear Equations	11 days 6 days 6 days
<b>November</b> 14 instructional days Thanksgiving 11/24 – 11/28	<b>Chapter 7:</b> Graphing Linear Equations & Functions <b>Lesson 8-1:</b> Solve Systems of Equations (Graphs only) <b>Lesson 8-4:</b> Using Systems of Equations (Graphs only)	10 days 2 days 2 day
<b>December</b> 15 instructional days Winter Break 12/22 – 1/2	<b>Lesson 9-5:</b> Inequalities in Two Variables <b>Lesson 9-6:</b> Graphing Systems of Linear Inequalities <b>Lessons 12-3:</b> Linear Functions <b>Lessons 11-3, 11-4:</b> Simplify Radical Expressions <b>Lessons 5-1, 5-2:</b> Exponents	3 days 3 days 2 days 4 days 3 days
<b>January</b> 20 instructional days <i>*Benchmark #2</i> 1/20 – 1/26	<b>Chapter 5:</b> Exponents and Polynomials <b>Chapter 6:</b> Polynomials and Factoring	10 days 10 days
<b>February</b> 18 instructional days	<b>Lessons 10-1, 10-9:</b> Rational Expressions <b>Lessons 10-2, 10-3, 10-6:</b> Rational Expressions & Equations <b>Lessons 12-4, 13-1:</b> Quadratic Functions <b>Lesson 13-3:</b> Solving by Completing the Square	5 days 6 days 5 days 2 days
<b>March</b> 22 instructional days <i>*Benchmark #3</i> 3/23 – 3/27	<b>Lesson: 13-4:</b> The Quadratic Formula <b>Lesson 13-5:</b> Solving Rational Equations <b>Lesson 13-2, 13-7:</b> Using Quadratic Equations <b>Chapter 8:</b> Systems of Equations <b>Lesson 9-6:</b> Graphing Systems of Inequalities	2 days 3 days 5 days 10 days 2 days
<b>April</b> 17 instructional days Spring Break 4/6 – 4/10 <b>CST:</b> 4/22 – 5/13	<b>Lessons 10-4, 10-5:</b> Add & Subtract Rational Expressions <b>Lessons 10-7:</b> Using Rational Equations <b>Lesson 10-10:</b> Complex Rational Expressions <b>CST Review:</b> Linear Equations, Vertical Motion Problems, Work & Mixture Problems, Graph Quadratic Equations	3 days 2 days 2 days 10 days
<b>May</b> 20 instructional days <b>CST:</b> 4/22 – 5/13	<b>Lessons 12-5, 12-6:</b> Direct & Inverse Variation <b>Lesson 12-7:</b> Joint & Combined Variation <b>Lessons 9-2, 9-3, 9-4:</b> Solving Compound Sentences & Absolute Value Equations <b>Lessons 11-2, 13-6:</b> Radical Expressions & Equations	4 days 2 days 7 days 5 days
<b>June</b> 10 instructional days <i>*End-of-Course Exam</i> 6/1 – 6/12	<b>Lesson 11-7, 11-8:</b> Using the Pythagorean Theorem <b>Lesson 7-10:</b> Reasoning Strategies	5 days 2 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.