



Subject to change

# 2011-2012 Middle School Algebra 1-2 Pacing Pacing does not reflect possible furlough days

## Holt Algebra and LBUSD Math Resources

*\*Please note: This is a suggested pacing. Teachers may spend more or less time on each lesson, depending on their students' needs. The only requirement is that all teachers give the end of quarter exams within a week of the quarter exam date.*

Dates	# of Days	Textbook Essential Sections, Standard & Subconcepts	* CST Sections	LBUSD On-line Resources
9/7 – 9/9	3	<ul style="list-style-type: none"> <li>Integers</li> <li>Students make flashcards for Integer Facts</li> <li>Pre-Course Practice and Pre-Course Test</li> </ul>		LBUSD Intranet: Beat the Computer Drills, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
9/12 – 9/16	5	<b>Ch. 1: Foundations of Algebra</b> Sections: 5, 6, 7 <b>CA Algebra Standards:</b> <b>1, 1.1, 2, 24.3, 25.1</b> Roots, properties of numbers, counterexamples, like terms	1-5 1-6 1-7	LBUSD Intranet: Vocabulary, Beat the Computer Drills, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
9/19 – 10/7	15	<b>Ch. 2: Equations</b> Sections: 2, 3, 4, 6, 7 <b>Ch. 3: Inequalities</b> Sections: 4, 5, 6, 7 <b>CA Algebra Standards:</b> <b>3, 4, 5, 15</b> Solving two-step, & multi-step equations/inequalities, word problems, solving equations/inequalities with variables on both sides, literal equations, absolute-value equations/inequalities, compound inequalities	2-3 2-4 2-6 2-7 3-4 3-5 3-6 3-7	LBUSD Intranet: Vocabulary, Beat the Computer Drills, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
10/10 – 10/28	15	<b>Ch. 4: Functions</b> Section: 2 only <b>Ch. 5: Linear Functions</b> Sections: 1, 2, 3, 5, 6, 7 <b>CA Algebra Standards:</b> <b>6, 7, 8, 16, 17, 18</b> Graph linear equations, find intercepts, slope, parallel and perpendicular lines, domain and range, functions & relations	5-1 5-2 5-5 5-6 5-7	LBUSD Intranet: Vocabulary, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
10/31 – 11/2	3	<b>Practice and Quarter Exam 1</b> Chapters 1, 2, 3, 4, and 5		LBUSD Intranet: Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
11/3 – 12/9	24	<b>Ch. 6: Systems of Equations and Inequalities</b> Sections: 1, 2, 3, 4, 5 (skip rate and mixture), 6, 7 <b>CA Algebra Standards:</b> <b>6, 9</b> Solving systems by graphing, substitution, and elimination, solving special systems, linear inequalities, systems of linear inequalities	6-1 6-2 6-3 6-4 6-5 6-6 6-7	LBUSD Intranet: Vocabulary, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
12/12 – 1/20	19	<b>Ch. 7: Exponents and Polynomials</b> Sections: 1, 3, 4, 5, 6, 7, 8, 9 <b>CA Algebra Standards:</b> <b>2, 10</b> Rules of exponents, fractional exponents, polynomials, operations with polynomials, multiply binomials	7-5 7-6 7-7 7-8 7-9	LBUSD Intranet: Vocabulary, Beat the Computer Drills, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
1/23 – 1/25	3	<b>Practice and Quarter Exam 2</b> Chapters 6 and 7		LBUSD Intranet: Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>



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Dates	# of Days	Textbook Essential Sections, Standard & Subconcepts	* CST Sections	LBUSD On-line Resources
1/26 – 2/17	16	<b>Ch. 8: Factoring Polynomials</b> Sections: 2, 3, 4, 5, 6 <b>CA Algebra Standard:</b> <b>11</b> Factoring second and third degree polynomials, common factors, difference of two squares, perfect square trinomials	8-2 8-3 8-4 8-5 8-6	LBUSD Intranet: Vocabulary, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
2/21 – 3/23	24	<b>Ch. 9: Quadratic Functions and Equations</b> Sections: 1, 2, 3, 4, 5, 6, 7, 8( <b>be sure to derive the quadratic formula</b> ), 9, and <b>Chapter 11</b> Section 2 ( <b>When finding exact solutions in chapter 9, teach students to <i>simplify</i> all radicals</b> ) <b>CA Algebra Standards:</b> <b>2, 14, 17, 19, 20, 21, 22, 23</b> Simplifying radicals, graph quadratic functions, domain, range, solve quadratic equations, completing the square, the discriminant, quadratic formula	9-1 9-2 9-3 9-4 9-5 9-6 9-7 9-8	LBUSD Intranet: Vocabulary, Beat the Computer Drills, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
3/26 – 3/28	3	<b>Practice and Quarter Exam 3</b> Chapters 8 and 9		LBUSD Intranet: Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
3/29 – 4/27	17	<b>Ch. 10: Rational Functions and Equations</b> Sections: 3, 4, 5, 6( <b>ex. 1 and 2 only</b> ), 7, 8( <b>add mixture &amp; rate from Lesson 6-5</b> ) <b>CA Algebra Standards:</b> <b>10, 12, 13, 15</b> Simplifying rational expressions, operations with rational expressions, solving rational equations, mixture, work, rate	10-3 10-4 10-5 10-6 10-7 10-8	LBUSD Intranet: Vocabulary, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
4/30 – 5/11	10	<b>State Testing</b>		
5/14 – 5/25	10	<b>Ch. 11 Radical and Exponential Functions</b> Sections: 2( <b>review</b> ), 3, 4, 5 <b>CA Algebra Standards:</b> <b>Extension of 2.0</b> Simplifying radical expressions, operations with radical expressions, solving radical equations, exponential functions		LBUSD Intranet: Vocabulary, Beat the Computer Drills, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
5/29 – 6/1	4	<ul style="list-style-type: none"> <li>• Practice End of Course Exam</li> <li>• Re-Teach Most-Missed Concepts</li> <li>• <b>End of Course Exam</b></li> </ul>		LBUSD Intranet: Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>
6/4 – 6/14	9	<b>Ch. 11 Radical and Exponential Functions</b> Sections: 7, 8 <ul style="list-style-type: none"> <li>• Analyze Student Errors</li> <li>• Reteach Concepts</li> </ul>		LBUSD Intranet: Vocabulary, Beat the Computer Drills, PowerPoint Presentations, Activities <a href="http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm">http://intranet.lbusd.k12.ca.us/curriculum/Math/Algebra12Supp2.htm</a>