



# 2009-2010 Pre-Algebra 8 Pacing

## Glencoe Algebra Readiness and LBUSD Math Resources

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Dates	# of Days	Textbook Essential Sections, Standard & Sub-Concepts	* CST Sections Gen Math	Beat the Computer Drills LBUSD Website – Math Computer Drills Vocabulary for Word Wall	PowerPoint Presentations LBUSD Intranet	Activities LBUSD Intranet
9/9 – 9/11	3	<ul style="list-style-type: none"> <li>Basic Facts</li> <li>Students make flashcards</li> <li><b>Prerequisite Skills Pretest</b></li> </ul>		<ul style="list-style-type: none"> <li>Multiplication Fact Drill <a href="#">All Numbers</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Factor Puzzles PowerPoint</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Multiplication Facts "I Have..... Who Has.." Whip Card Set</a></li> </ul>
9/14 – 9/25	10	<p><b>Prerequisite Skills:</b> 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12</p> <p><b>Number:</b> Place Value, Operations with Whole Numbers, Exponents, Prime Factorization, Fractions, Decimals, LCM, Estimation.</p> <p><b>Probability:</b> Likelihood of Events, Finding the Probability of an Event</p> <ul style="list-style-type: none"> <li><b>Prerequisite Skills Posttest</b></li> </ul>		<ul style="list-style-type: none"> <li><a href="#">Find the Squares 1 to 15</a></li> <li><a href="#">Vocabulary Glencoe Prerequisite Skills</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Divisibility Rules</a></li> <li><a href="#">Square of a Number</a></li> </ul>	
9/28 – 10/16	15	<p><b>Chapter 1 Sections:</b> 2, 3, 4, 5, 7, 8, pp. 98-99</p> <p><b>Algebra:</b> Properties, Expressions, Equations, Order of Operations, Like Terms</p>	1-3, 1-4, 1-5, 1-7, 1-8	<ul style="list-style-type: none"> <li><a href="#">Properties</a></li> <li><a href="#">Translate Words to Operations</a></li> <li><a href="#">Translate Phrases to Expressions</a></li> <li><a href="#">Translate Sentences to Equations and Inequalities</a></li> <li><a href="#">Vocabulary Glencoe Chapter 1</a></li> </ul>		<ul style="list-style-type: none"> <li><a href="#">Order of Operations Line Up Card Sets</a></li> <li><a href="#">Expressions Mix Freeze Match Card Set</a></li> <li><a href="#">Properties Mix Freeze Match Card Set</a></li> <li><a href="#">Jeopardy: Expressions, Equations and Inequalities</a></li> <li><a href="#">Inequalities Inside Outside Circle Card Set</a></li> </ul>
10/19 – 10/30	10	<p><b>Chapter 2 Sections:</b> 2, 3, 4, 5, 7</p> <p><b>CSRS pages:</b> 43-44, 67-70</p> <p><b>Number:</b> Absolute Value, Operations with Integers</p> <p><b>Algebra:</b> Solving Equations and Inequalities</p>	2-3, 2-4, 2-5, 2-7, CSRS pp 43-44, 67-70	<ul style="list-style-type: none"> <li>Integer Addition Drill <a href="#">All Facts to 10</a></li> <li>Integer Multiplication Drill <a href="#">All Facts to 12</a></li> <li>Integer Division Drill <a href="#">All Facts to 12</a></li> <li><a href="#">Vocabulary Glencoe Chapter 2</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Absolute Value</a></li> <li><a href="#">Add Integers W Algeblocks</a></li> <li><a href="#">Add Integers W 2-Color Counters</a></li> <li><a href="#">Add Integers W Algebra Tiles</a></li> <li><a href="#">Add and Sub Integers W a Number Line</a></li> <li><a href="#">Subtract Integers W Algeblocks</a></li> <li><a href="#">Subtract Integers W 2-Color Counters</a></li> <li><a href="#">One Step Equations</a></li> <li><a href="#">Solve Linear Equations W Algeblocks</a></li> <li><a href="#">Solving One-Step Equations</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Jeopardy: Integer Operations</a></li> <li><a href="#">Integer War Card Game Deck</a></li> <li><a href="#">Integer Line Up Card Set</a></li> <li><a href="#">Algeblocks Inside-Outside Circle Card Set</a></li> <li><a href="#">Jeopardy: Solving Equations</a></li> </ul>
11/2 – 11/4	3	<p><b>Practice and Quarter Exam 1</b> Chapters 1 and 2 CSRS pp. 43-44</p>				



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Dates	# of Days	Textbook Essential Sections, Standard & Sub-Concepts	* CST Sections Gen Math	Beat the Computer Drills LBUSD Website – Math Computer Drills Vocabulary for Word Wall	PowerPoint Presentations LBUSD Intranet	Activities LBUSD Intranet
11/5 – 12/4	19	<b>Chapter 3 Sections:</b> 1, 2, 3, 5, 6, 7, 8, 9 <b>Number:</b> Fractions, Mixed Numbers, Simplify Fractions, Operations with Fractions and Mixed Numbers	3-5, 3-6, 3-7, 3-8, 3-9	<ul style="list-style-type: none"> <li><a href="#">Simplify Fractions</a></li> <li><a href="#">Comparing Fractions</a></li> <li><a href="#">Vocabulary Glencoe Chapter 3</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Divisibility Rules</a></li> <li><a href="#">Ladder Method for Finding LCM, GCF and Simplifying Fractions</a></li> <li><a href="#">Improper Fractions to Mixed Numbers</a></li> <li><a href="#">Fraction Strips</a></li> <li><a href="#">Add and Compare Fractions Color Tiles</a></li> <li><a href="#">Cups and Beans</a></li> <li><a href="#">Fraction Squares Area Model Color</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Improper Fractions "I Have.... Who Has..." Whip Card Set</a></li> <li><a href="#">Simplify Fractions "I Have.... Who Has..." Whip Card Set</a></li> <li><a href="#">Mix Freeze Match Simplify Fractions Card Set</a></li> <li><a href="#">In-Your-Head Fraction Operations "I Have.... Who Has..." Whip</a></li> <li><a href="#">In-Your-Head Fraction Operations Mix Freeze Match</a></li> <li><a href="#">In-Your-Head Fraction Operations Parallel Lines</a></li> </ul>
12/7 – 12/18	10	<b>Chapter 4 Sections:</b> 1, 2, 3, 4 <b>Number:</b> Fractions to Decimals, Decimals to Fractions, Operations with Decimals	4-1, 4-2, 4-3, 4-4	<ul style="list-style-type: none"> <li><a href="#">Dec to Fractions. In Order</a></li> <li><a href="#">Dec to Frac. Random Order</a></li> <li><a href="#">Frac to Dec In Order</a></li> <li><a href="#">Frac to Dec Random Order</a></li> <li><a href="#">Vocabulary Glencoe Chapter 4</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Multiply Decimals</a></li> </ul>	
1/4 – 1/22	14	<b>CSRS pages:</b> 95-106, 109-110 <b>Statistics:</b> Mean, Median, Mode, Range, Samples, Box-and-Whisker Plots, Stem-and-Leaf Plots <b>Probability:</b> Probability of an Event, Tree Diagrams, Independent Events, Dependent Events	CSRS pp 97-104, 109-110		<ul style="list-style-type: none"> <li><a href="#">Mean, Median and Mode</a></li> <li><a href="#">Probability of an Event</a></li> <li><a href="#">Box and Whisker Plots</a></li> <li><a href="#">Hersheys Kiss Probability</a></li> <li><a href="#">Hersheys Kiss 1 Rec Sheet</a></li> <li><a href="#">Hersheys Kiss 2 Rec Sheet</a></li> <li><a href="#">Fair Dice Games</a></li> <li><a href="#">Game 1 Diff Rec Sheet</a></li> <li><a href="#">Game 2 Max Rec Sheet</a></li> <li><a href="#">Fair Spinner Game</a></li> <li><a href="#">Spinner Game Rec Sheet</a></li> <li><a href="#">Two Spinners</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Mix Freeze Match Probability Card Set</a></li> <li><a href="#">Frame for mean median mode</a></li> </ul>
1/25 – 1/27	3	<b>Practice and Quarter Exam 2</b> Chapters 3 and 4 CSRS pages 95-106, 109-110				



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Dates	# of Days	Textbook Essential Sections, Standard & Sub-Concepts	* CST Sections Gen Math	Beat the Computer Drills LBUSD Website – Math Computer Drills Vocabulary for Word Wall	PowerPoint Presentations LBUSD Intranet	Activities LBUSD Intranet
1/28 – 2/12	11	<b>Chapter 5 Sections:</b> 1, 2, 4, 5, 6 <b>CSRS pages:</b> 49-52 <b>Algebra:</b> Exponents, Product of Powers, Quotient of Powers, Power of Powers, Negative Exponents, Square Roots, Evaluating Expressions <b>Number:</b> Comparing Rational Numbers	5-1	<ul style="list-style-type: none"> <li>• <a href="#">Find the Squares 1 to 15</a></li> <li>• <a href="#">Find Sq Roots 1 to 225</a></li> <li>• <a href="#">Product of a Power</a></li> <li>• <a href="#">Quotient of a Power expand</a></li> <li>• <a href="#">Quotient of a Power subt exp.</a></li> <li>• <a href="#">Vocabulary Glencoe Chapter 5</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Exponents</a></li> <li>• <a href="#">Square of a Number</a></li> <li>• <a href="#">Square and Square Root of a Number</a></li> <li>• <a href="#">Power of a Power</a></li> <li>• <a href="#">Product of Powers</a></li> <li>• <a href="#">Quotient of Powers</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Concentration: Properties of Exponents</a></li> </ul>
2/16 – 3/5	14	<b>Chapter 6 Sections:</b> 1, 2, 3, 4, 5 <b>Number:</b> Ratios, Rates, Unit Rates, Converting fractions to decimals and percents, Proportions, Percents, Discount, Interest, Commission, Tips	6-3, 6-4, 6-5	<ul style="list-style-type: none"> <li>• <a href="#">Convert Fraction Pictures to Percents, In Order</a></li> <li>• <a href="#">Fractions to Percents In Order</a></li> <li>• <a href="#">Fractions to Percents Random</a></li> <li>• <a href="#">Vocabulary Glencoe Chapter 6</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Proportions</a></li> <li>• <a href="#">Memorize Frac to Percent Equivalents</a></li> <li>• <a href="#">Decimal to Percent</a></li> <li>• <a href="#">Markup and Discount</a></li> <li>• <a href="#">Percents of Quantities</a></li> <li>• <a href="#">Proportion for Percent</a></li> <li>• <a href="#">Sales Tax</a></li> <li>• <a href="#">Percent Tricks 1</a></li> <li>• <a href="#">Percent Tricks 2</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Fraction-Decimal-Percent-Set Mix-Freeze-Match Card Set</a></li> <li>• <a href="#">Fraction-Decimal-Percent-Set War Card Game Deck</a></li> <li>• <a href="#">Fraction-Decimal-Percent-Picture Mix-Freeze-Match Card Set</a></li> </ul>
3/8 – 3/26	15	<b>Chapter 7 Sections:</b> 1, 3, 4, 5, 6, 7 <b>Algebra:</b> Coordinate Plane, Scatter Plots, Slope, Graphing Linear Functions <b>Measurement:</b> Measures expressed as Rates and Products, Pythagorean Theorem	7-3, 7-4, 7-5, 7-6, 7-7	<ul style="list-style-type: none"> <li>• <a href="#">Slope of a Line</a></li> <li>• <a href="#">Slope-Intercept Form of an Equation of a Line</a></li> <li>• <a href="#">Graph Aerobics</a></li> <li>• <a href="#">Name That Graph - Algebra Version</a></li> <li>• <a href="#">Pythagorean Triples</a></li> <li>• <a href="#">Vocabulary Glencoe Chapter 7</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Coordinate Graphing</a></li> <li>• <a href="#">Algebra Walk Slope</a></li> <li>• <a href="#">Graphing Functions</a></li> <li>• <a href="#">Slope</a></li> <li>• <a href="#">Slope Horizontal Lesson Plan (Word)</a></li> <li>• <a href="#">Slope Intercept and Standard Form</a></li> <li>• <a href="#">Slope Intercept Form</a></li> <li>• <a href="#">Graph Aerobics with Instruction</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Frame for naming and graphing ordered pairs</a></li> <li>• <a href="#">Coordinate Graphing Mix Freeze Match</a></li> <li>• <a href="#">Slope of a Line Mix Freeze Match Card Set</a></li> <li>• <a href="#">Frame for slope-intercept and graphing</a></li> </ul>
3/29 – 3/31	3	<b>Practice and Quarter Exam 3</b> Chapters 5, 6, and 7 CSRS pages 49-52				



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4/1 – 4/23	12	<p><b>Chapter 8 Sections:</b> 5</p> <p><b>CSRS pages:</b> 17-18, 55-56, 65-66, 75-76, 81-82</p> <p><b>PowerPoint “Graph Aerobics”</b></p> <p><b>Measurement:</b> Area of polygons, Area of complex or irregular figures, Scale Drawings</p> <p><b>Number:</b> Scientific Notation</p> <p><b>Algebra:</b> Graphing Quantitative Relationships</p>	CSRS pp 65-66	<ul style="list-style-type: none"> <li>• <a href="#">Vocabulary Glencoe Chapter 8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Graph Aerobics with Instruction</a></li> <li>• <a href="#">Area of a Parallelogram</a></li> <li>• <a href="#">Area of a Trapezoid</a></li> <li>• <a href="#">Area of a Triangle</a></li> <li>• <a href="#">Area of a Circle</a></li> <li>• <a href="#">Area of Compound Figures</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Geometry Mix Freeze Match Card Set</a></li> </ul>
4/26 – 4/30	5	<b>Course Review</b>				<ul style="list-style-type: none"> <li>• <a href="#">Jeopardy: All Standards</a></li> </ul>
5/3 – 5/14	10	<b>State Testing</b>				
5/17 – 5/28	10	<p><b>Chapter 8 Sections:</b> 1, 2, 4, 7</p> <p><b>Measurement:</b> Triangles, Quadrilaterals, Congruent and Similar polygons, Perimeter of polygons, Circumference, Volume</p>		<ul style="list-style-type: none"> <li>• <a href="#">Identify 3 D Figures by Nets</a></li> <li>• <a href="#">Vocabulary Glencoe Chapter 8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Classify Triangles</a></li> <li>• <a href="#">Triangle Sum Property</a></li> <li>• <a href="#">Special Quadrilaterals and Triangles</a></li> <li>• <a href="#">Quadrilaterals Venn Diagram</a></li> <li>• <a href="#">Quadrilateral Angles</a></li> <li>• <a href="#">Interior Angles</a></li> <li>• <a href="#">Circumference of a Circle</a></li> <li>• <a href="#">Nets</a></li> <li>• <a href="#">Volume of a Rectangular Prism</a></li> <li>• <a href="#">Volume Group Activity Sheet</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Quadrilaterals and Triangles Inside Outside Circle Card Set</a></li> <li>• <a href="#">Quadrilaterals Inside Outside Circle Card Set</a></li> <li>• <a href="#">Triangles Inside Outside Circle Card Set</a></li> </ul>
6/1 – 6/4	4	<ul style="list-style-type: none"> <li>• Practice End of Course Exam</li> <li>• <b>End of Course Exam</b></li> </ul>				
6/7 – 6/17	9	<p><b>Chapter 8 Sections:</b> 8</p> <p><b>Measurement:</b> Surface Area</p> <ul style="list-style-type: none"> <li>• Re-Teach Most-Missed Concepts</li> </ul>			<ul style="list-style-type: none"> <li>• <a href="#">Nets</a></li> </ul>	