



2009-2010 Math 7 Pacing

Holt Mathematics Course 2 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 & Sub-Concepts	* CST Sections	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"> Students make flashcards for Basic Facts Pre-Course Practice and Pre-Course Test 		<ul style="list-style-type: none"> Multiplication Fact Drill All Numbers 		<ul style="list-style-type: none"> Multiplication Facts "I Have..... Who Has.." Whip Card Set
9/14 – 10/9	20	<p>Chapter 1 Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, pp. 41-42</p> <p>Number: Integers, Absolute Value</p> <p>Algebra: Expressions, Equations</p>	1-3, 1-4, 1-5, 1-6, 1-9	<ul style="list-style-type: none"> Translate Words to Operations Translate Phrases to Expressions Translate Sentences to Equations and Inequalities Integer Addition Drill All Facts to 10 Integer Multiplication Drill All Facts to 12 Integer Division Drill All Facts to 12 Vocabulary Holt Course 2 Chapter 1 	<ul style="list-style-type: none"> Factor Puzzles PowerPoint Add Integers W Algeblocks Add Integers W 2-Color Counters Add Integers W Algebra Tiles Add and Sub Integers W a Number Line Subtract Integers W Algeblocks Subtract Integers W 2-Color Counters Absolute Value One Step Equations Solve Linear Equations W Algeblocks Solving One-Step Equations 	<ul style="list-style-type: none"> Jeopardy: Algebra Basics Order of Operations Line Up Card Sets Expressions Mix Freeze Match Card Set Jeopardy: Integer Operations Integer War Card Game Deck Integer Line Up Card Set Algeblocks Inside-Outside Circle Card Set
10/12 – 10/30	15	<p>Chapter 2 Sections: 1 (skip example 3), 2, 3, 4, 5, 6</p> <p>Number: Fractions, Decimals</p>	2-1, 2-3, 2-4, 2-5, 2-6	<ul style="list-style-type: none"> Comparing Fractions Simplify Fractions Dec to Fractions, In Order Dec to Frac, Random Order Frac to Dec In Order Frac to Dec Random Order Vocabulary Holt Course 2 Chapter 2 	<ul style="list-style-type: none"> Divisibility Rules Ladder Method for Finding LCM, GCF and Simplifying Fractions Fraction Strips Improper Fractions to Mixed Numbers Add and Compare Fractions Color Tiles Cups and Beans Fraction Squares Area Model Color 	<ul style="list-style-type: none"> Improper Fractions "I Have.... Who Has..." Whip Card Set Simplify Fractions "I Have.... Who Has..." Whip Card Set Mix Freeze Match Simplify Fractions Card Set In-Your-Head Fraction Operations "I Have.... Who Has..." Whip In-Your-Head Fraction Operations Mix Freeze Match In-Your-Head Fraction Operations Parallel Lines
11/2 – 11/4	3	<p>Practice and Quarter Exam 1 Chapters 1 and 2</p>				



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11/5 – 11/25	14	Chapter 3 Sections: 1, 2, 5(skip example 4), 6, 7, 8(example 1 only) Algebra: Properties, Inequalities	3-1, 3-6, 3-7, 3-8	<ul style="list-style-type: none"> • Properties • Vocabulary Holt Course 2 Chapter 3 		<ul style="list-style-type: none"> • Jeopardy: Expressions, Equations and Inequalities • Inequalities Inside Outside Circle Card Set • Properties Mix Freeze Match Card Set • Jeopardy: Solving Equations
11/30 – 1/13	23	Chapter 4 Sections: 1, 2, 3, 4, 5, 6, 8, 9 Algebra: Exponents, Monomials Number: Negative and Zero Exponents, Exponent Rules, Scientific Notation, Squares, Square Roots Measurement: The Pythagorean Theorem	4-8, 4-9,	<ul style="list-style-type: none"> • Product of a Power • Quotient of a Power expand • Quotient of a Power subt exp. • Pythagorean Triples • Find the Squares 1 to 15 • Find Sq Roots 1 to 225 • Vocabulary Holt Course 2 Chapter 4 	<ul style="list-style-type: none"> • Exponents • Square of a Number • Power of a Power • Product of Powers • Quotient of Powers • Square of a Number • Square and Square Root of a Number 	<ul style="list-style-type: none"> • Concentration: Properties of Exponents
1/14 – 1/22	6	Chapter 8 Section: 1, 2, 6(example 1 only) Measurement: Skew Lines, Congruent Polygons <i>*Use 8-1 to introduce geometry terms & symbols</i>	8-6	<ul style="list-style-type: none"> • Vocabulary Holt Course 2 Chapter 8 		
1/25 – 1/27	3	Practice and Quarter Exam 2 Chapters 3 and 4 (incl. Lesson 8-6)				



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1/28 – 2/12	11	Chapter 5 Sections: 1, 2, 3, 4 Measurement: Rates, Ratios, Proportions, Dimensional Analysis	5-2, 5-3, 5-4	<ul style="list-style-type: none"> • Vocabulary Holt Course 2 Chapter 5 	<ul style="list-style-type: none"> • Proportions 	
2/16 – 3/12	19	Chapter 6 Sections: 1, 2, 3, 4, 5, 6, 7(skip examples 2 & 4) Number: Percent, Discount, Commission, Sales Tax, Profit, Percent of Increase and Decrease, Simple and Compound Interest	6-6, 6-7	<ul style="list-style-type: none"> • Convert Fraction Pictures to Percents, In Order • Fractions to Percents In Order • Fractions to Percents Random • Vocabulary Holt Course 2 Chapter 6 	<ul style="list-style-type: none"> • Memorize Frac to Percent Equivalents • Decimal to Percent • Markup and Discount • Percents of Quantities • Proportion for Percent • Sales Tax • Percent Tricks 1 • Percent Tricks 2 	<ul style="list-style-type: none"> • Fraction-Decimal-Percent-Set Mix-Freeze-Match Card Set • Fraction-Decimal-Percent-Set War Card Game Deck • Fraction-Decimal-Percent-Picture Mix-Freeze-Match Card Set
3/15 – 3/26	10	Chapter 7 Sections: 1, 3, 6(example 2 only) Algebra: The Coordinate Plane, Graphing Linear Functions, Slope *Use “Graph Aerobics” and “Slope” PowerPoints*	7-3, 7-6	<ul style="list-style-type: none"> • Slope of a Line • Slope-Intercept Form of an Equation of a Line • Graph Aerobics • Name That Graph - Algebra Version • Vocabulary Holt Course 2 Chapter 7 	<ul style="list-style-type: none"> • Coordinate Graphing • Algebra Walk Slope • Graphing Functions • Graph Aerobics with Instruction • Slope • Slope Horizontal Lesson Plan (Word) • Slope Intercept Form and Standard Form of an Equation • Slope Intercept Form of an Equation 	<ul style="list-style-type: none"> • Frame for naming and graphing ordered pairs • Coordinate Graphing Mix Freeze Match • Slope of a Line Mix Freeze Match Card Set • Frame for slope-intercept and graphing
3/29 – 3/31	3	Practice and Quarter Exam 3 Chapters 5, 6, and 7				



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4/1 – 4/23	12	Chapter 11 Sections: 1, 2, 3, 4 Statistics: Stem-and-Leaf Plots, Mean, Median, Mode, Range, Box-and-Whisker Plots, Scatter Plots	11-2	<ul style="list-style-type: none"> • Vocabulary Holt Course 2 Chapter 11 	<ul style="list-style-type: none"> • Mean, Median and Mode • Box and Whisker Plots • Hersheys Kiss Probability • Hersheys Kiss Exp 1 Rec Sheet • Hersheys Kiss Exp 2 Rec Sheet 	
4/26 – 4/30	5	Course Review				<ul style="list-style-type: none"> • Jeopardy: All Grade 7 Standards
5/3 – 5/14	10	State Testing				
5/17 – 5/28	10	Chapter 9 Sections: 1, 2, 4, 5 Measurement: Perimeter and Area of Parallelograms, Triangles, and Trapezoids, Circumference and Area of Circles, Area of Composite Figures		<ul style="list-style-type: none"> • Vocabulary Holt Course 2 Chapter 9 	<ul style="list-style-type: none"> • Area of a Parallelogram • Area of a Trapezoid • Area of a Triangle • Area of a Circle • Circumference of a Circle • Area of Compound Figures 	<ul style="list-style-type: none"> • Geometry Mix Freeze Match Card Set
6/1 – 6/4	4	<ul style="list-style-type: none"> • Practice End of Course Exam • Re-Teach Most-Missed Concepts • End of Course Exam 				
6/7 – 6/17	9	Chapter 10 Sections: 1, 2, 4 Geometry: Three-Dimensional Figures, Volume of Prisms and Cylinders, Surface Area of Prisms and Cylinders <ul style="list-style-type: none"> • Re-Teach Most-Missed Concepts 		<ul style="list-style-type: none"> • Identify 3 D Figures by Nets • Vocabulary Holt Course 2 Chapter 10 	<ul style="list-style-type: none"> • Faces, Edges and Vertices • Nets • Volume of a Rectangular Prism • Volume Group Activity Sheet 	