



**MONROVIA UNIFIED SCHOOL DISTRICT
2009-2010 INSTRUCTIONAL PACING GUIDE**

"World Class Schools for World Class Students"

Pre-Algebra 7

- *E.S. – monthly (Tungston)
- *M.S. Math & English – 6 wks (Tungston)
- *M.S. Sci. & Soc.Sci. – 6 wk (benchmark @ 9wk)
- *H.S. All Content – 9wk (benchmark @ 9wk)

Department	Math
Course Name	Pre-Algebra 7 (Grade Level)
Grade Level	7 th
Instructional Reference Material (s)	Holt Pre-Algebra (Green)

Grading/ Benchmark Term	Standard <small>* Indicates Power Standard (The number of questions refer to the number of questions that assess that standard on the STAR test)</small>	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
TERM #1 (6 wks)	AF 1.1, 1.2, 4.0, 4.1 NS 1.1, 1.2, 1.5, 2.5	<p>Chapter 1: 1.1-1.9 Write & Evaluate Algebraic Expressions, Order of Operations, Integers, Absolute Value, Solve One and Two Step Equations with Integers</p> <p>Chapter 2: 2.1-2.6 Convert & Compare Rational Numbers, Repeating Decimals, Basic Operations with Rational Numbers, Operations with Unlike Denominators, <i>(May want to review basic operations w/o negatives first, then add them in, break things down as needed but keep it moving)</i></p>	<p>Mad Minute: - Add/Sub Integers (3 weeks) - Mult/Div Integers (3 weeks)</p> <p>Mid-Chapter Quiz</p> <p>Chapter Test</p> <p>PA Benchmark #1</p>			
TERM #2 (6 wks)		<p>Chapter 2: 2.7-2.8 Solve One & Two Step Equations with Rational Numbers</p> <p>Chapter 3: 3.1-3.8 Properties, Simplifying Expressions, Solve Multi-Step Equations, Variables on Both Sides, Write & Graph Inequalities, Solve One & Two Step Inequalities</p>	<p>Mad Minute: - 4 Operations Integers (4 weeks) - Absolute Value (2 weeks)</p> <p>Mid-Chapter Quiz</p> <p>Chapter Test</p> <p>PA Benchmark #2</p>			

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TERM #3 (6 wks)		<p>Chapter 4: 4.1-4.9 Exponents, Integer Exponents, Exponent Rules, Multiplying and Dividing Monomials, Scientific Notation, Estimating Square Roots, Real Number System, Pythagorean Theorem</p> <p>Chapter 5: 5.1-5.4 Simplify & Equivalent Ratios, Rates, Unit Rates & Comparison, Ratios & Proportions, Dimensional Analysis (optional)</p>	<p>Mad Minute: - Absolute Value (2 weeks) - Fraction/Decimal/Percent Equivalents (4 weeks)</p> <p>Mid-Chapter Quiz</p> <p>Chapter Test</p> <p>PA Benchmark #3</p>			
TERM #4 (6 wks)		<p>Chapter 5: 5.5-5.7 Similar Figures, Indirect Measurement, Scale Drawings and Models</p> <p>Chapter 6: 6.1-6.7 Convert and Compare Fract/Dec/Pct, Find Percents, Percent of Change (Inc/Dec), Find Commission/Tax/Profit, Simple Interest, Compound Interest (optional)</p> <p>Chapter 7: 7.1-7.5 Coordinate Plane, Functions, Recognize Graphs of Linear/Quadratic/Cubic Functions, <i>(Just know the basics for 7.3-7.5)</i></p>	<p>Mad Minute: - Exponents (4 weeks) - Metric Units (2 weeks) Replacement worksheets for similar figures & indirect measurement (Glencoe 11-6)</p> <p>Mid-Chapter Quiz</p> <p>Replacement worksheets for simple interest from Spectrum pgs. 69-71 & Holt Intervention & McDougal-Little Standards Review</p> <p>Chapter Test</p> <p>Pi Day (3/14)</p> <p>PA Benchmark #4</p> <p>Use Holt Intervention for recognizing functions</p>			<p>Replacement worksheets for similar figures & indirect measurement from Glencoe</p> <p>Replacement worksheets for simple interest from Spectrum pgs. 69-71 & Holt Intervention & McDougal-Little Standards Review</p> <p>Use Holt Intervention for recognizing functions</p>

