

School District U-46

Pre Algebra 2 (8th Grade) Pacing Guide

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Chapter 1: The Tools of Algebra	Chapter 6: Ratios, Proportion & %	Chapter 9: Real Numbers & Right Triangle	Chapter 11: Three Diminsional
1-2: Number & Expressions	6-1: Ratios & Rates (6.08.15-B; 7.08.05-P)	9-1: Squares & Square Roots (6.08.14-B; 6.08.09-B)	11-1: 3-Dimensional Figures (9.08.10-P)
1-3: Variable & Expressions (6.08.10-B; 6.08.02-P; 8.08.02-P; 8.08.05-B)	6-2: Using Proportions (6.08.16-P)	9-2: Real Number System (6.08.06-P)	11-2: Vol.: Prisms & Cylinders (7.08.04-P)
1-4: Properties (8.08.04-B)	6-4: Fractions, Decimals & Percent	5-2: Rational Numbers (6.08.06-P)	11-3: Vol.: Pyramids (optional) (7.08.04-P)
Chapter 2: Integers	6-5: Using the Percent Equations (6.08.03-P; 6.08.17-P; 6.08.16-P)	9-3: Angles (9.08.02-B; 7.08.01-B)	11-4: S.A.: Prisms & Cylinders (7.08.04-P)
2-1: Integers & Absolute Values (6.08.06-B; 6.08.07-B; 9.08.12-P)	6-7: Using Percent Eq. (6.08.18-P; 8.08.13-B)	9-4: Triangles (9.08.02-B; 7.08.01-B)	11-5: S.A.: Pyramid (optional) (7.08.04-P)
2.2: Adding Integers (6.08.09 -B)	6-8: Percent of Change (6.08.18-P)	9-5: Pythagorean Thm (9.08.03-P; 9.08.01-B; 7.08.06-P)	Chapter 12: More Stats & Probability
2-3: Subtracting Integers (6.08.03-B)	Chapter 7: Equations & Inequalities	9-7: Similar Triangles & Indirect Measurement (9.08.11-P; 7.08.06-P)	12-1: Stem & Leaf Plots (10.08.01-B)
2-4: Multiplying Integers (6.08.09-B)	7-1: Sol. Eq. w/ var. on both sides (8.08.12-P)	Chapter 10: Two Dimensional Figures	12-2: Measure of Variation (optional)
2-5: Dividing Integers (6.08.09-B)	7-2: Sol. Eq. w/ grouping symbols (8.08.12-P)	10-1: Lines & Angle Relationship (9.08.08-B; 9.08.09-P)	12-3: Box & Whisker Plots (optional) (10.08.01-B; 10.08.03-B)
2-6: The Coordinate System (9.08.05-P)	7-3: Inequalities (8.08.10-B)	10-2: Congruent Triangles (9.08.11-P)	12-4: Histograms (10.08.01-B; 10.08.03-B)
Chapter 3: Equations	7-4: Sol. Ineq. by add & subt. (8.08.12-P)	10-3: Transformations (9.08.06-P; 9.08.07-B)	12-5: Misleading Stats. (10.08.01-B; 10.08.02-B)
3-1: Distributive Property (9.08.11-B; 8.08.04-B)	7-5: Sol. Ineq. by Mult. & Div. (8.08.10-B; 6.08.12-P)	10-4: Quadrilateral (9.08.02-P)	12-7: Permutations & Combinations (10.08.08-P)
3-2: Simplifying Alg. Expressions (8.08.03-P)	7-6: Sol. Multi-Step Ineq. (8.08.11; 8.08.12)	10-5: Area: Parallelogram, Triangles, Trap. (7.08.02-B; 9.08.01-B)	** This is a suggested pacing guide for Pre-Algebra 2 **
3-5: Solving Two-Step Equations (8.08.11-P; 8.08.12 -P)	Chapter 8: Functions & Graphing	10-6: Polygons (9.08.01-B)	** Two lessons in one box suggested to be taught on the same day. **
3-6: Writing Two-Step Equations (8.08.11-P; 8.08.12 -P)	1-7: Scatter Plots (10.08.01-B; 10.08.04-B)	10-7: Circum. & Area of a Circle (7.08.02-P; 9.08.04-P)	Key to State Goals B = Basic P = Proficient
5-9: Solving Eq. w/ Rat. Numbers (8.08.12-P)	8-1: Functions (8.08.08-P)	10-8: Area: Irregular Shapes (7.08.02-P)	
Chapter 4: Factors & Fractions	8-2: Linear Eq. in 2 Var. (8.08.07-B; 8.08.08-P)	Mini - Probability Chapter	
4-3: Prime Factorization (6.08.08-P)	8-3: Graphing Linear Eq. Using Intercepts 2 days (8.08.07-P; 8.08.08-P; 8.08.09-P)	6-9: Probability & Predictions (10.08.06-B)	
4-4: Greatest Common Factor (6.08.08-P)	8-4: Slope-2 days (8.08.07-P; 8.08.08-P; 8.08.09-P)	12-6: Counting Outcomes (10.08.08-P)	
4-5: Simplifying Alg. Expressions (8.08.03-P)	8-5: Rate of Change SKIP Direct Var. (8.08.06-P)	12-9: Probability of Compound Events (10.08.06-P; 10.08.07-P)	
4-6: Mult. & Dividing Monomials (6.08.05-P)	8-6: Slope Intercept Form (8.08.07-P; 8.08.08-P)	ISAT Window March 3 — 14	
5-3: Multiplying Rational Numbers (6.08.12-P)	8-7: Writing Linear Equations (8.08.08-P)		
4-8: Scientific Notation (6.08.01-P; 6.08.04-B)			
5-8: Measures of Central Tend. (10.08.05-P)			
1st Quarter Assessment	2nd Quarter Assessment	3rd Quarter Assessment	4th Quarter Assessment