Utah Core Suggested Pacing Guide: Pre-Algebra

Mid-year

Standard I: Number sense & rational number.

Obj. 1	Estimate and compute with integers Estimate and compute with rational numbers
Obj. 2	Analyze relationships of rational numbers and their operations
Obj. 3	Solve problems involving rational numbers

Standard II: Proportions & similarity.

Obj. 1	Model and illustrate meanings of ratios, percents and decimals
Obj. 2	Solve problems using proportional reasoning
Obj. 3	Identify and use properties of similar figures to solve problems Use similar triangles to define slope of a line

Standard III: Lang.& operations of Algebra.

Obj. 1	Generalize and express patterns using algebraic expressions
Obj. 2	Evaluate, simplify and solve algebraic expressions, equations and inequalities
Obj. 3	Graph coordinates and linear equations

Standard IV: Geom. & Meas. Problems.

| Obj. 1 | Apply the properties of proportionality of different units of measurement |
| Obj. 2 | Derive formulas for surface area and volume |

Standard V: Probability and Statistics.

| Obj. 1 | Calculate probabilities of events |
| Obj. 2 | Organize and analyze data |