**Please see the SCUC ISD Focused Planning Guides for the critical content, unit overview, TEKS specificity, vocabulary, recommended learning experiences, and resources. The Focused Planning Guides are in the TEKS Resource System. Data will be pulled 2 days after the testing window.**
| Unit 1 - Numbers and Operations | 7.2A - Extend previous knowledge of sets and subsets using a visual representation to describe relationships between sets of rational numbers. Supporting Standard  
7.3B - Apply and extend previous understandings of operations to solve problems using addition, subtraction, multiplication, and division of rational numbers. Readiness Standard |
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| Unit 2 - One-Variable Equations and Inequalities | 7.11A - Model and solve one-variable, two-step equations and inequalities. Readiness Standard  
7.10A - Write one-variable, two-step equations and inequalities to represent constraints or conditions within problems. Supporting Standard |
| Unit 3 - Proportional Reasoning with Ratios and Rates | 7.4A - Represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including d = rt. Readiness Standard  
7.4D - Solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems. Readiness Standard |
| Unit 4 - Graphs and Two-Variable Equations | 7.5C - Solve mathematical and real-world problems involving similar shape and scale drawings. Readiness Standard  
7.4A - Represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including d=rt. Readiness Standard  
7.7A - Represent linear relationships using verbal descriptions, tables, graphs, and equations that simplify to the form y = mx + b. Readiness Standard |
| Unit 5 - Similarity | 7.6H - Solve problems using qualitative and quantitative predictions and comparisons from simple experiments. Readiness Standard  
7.6I - Determine experimental and theoretical probabilities related to simple and compound events using data and sample spaces. Readiness Standard |
| Unit 6 - Probability | 7.9A – Solve problems involving the volume of rectangular prisms, triangular prisms, rectangular pyramids, and triangular pyramids. Readiness Standard |
| Unit 7 - Cirles and Composite Figures | 7.9B – Determine the circumference and area of circles. Readiness Standard  
7.9C - Determine the area of composite figures containing combinations of rectangles, squares, parallelograms, trapezoids, triangles, semicircles, and quarter circles. Readiness Standard |
| Unit 8 - Surface Area and Volume | 7.9A – Solve problems involving the volume of rectangular prisms, triangular prisms, rectangular pyramids, and triangular pyramids. Readiness Standard |
| Unit 9 - Data Representations | 7.7A - Represent linear relationships using verbal descriptions, tables, graphs, and equations that simplify to the form y = mx + b. Readiness Standard  
7.11A - Model and solve one-variable, two-step equations and inequalities. Readiness Standard |
| Unit 10 - Making Connections | 7.4A - Represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including d=rt. Readiness Standard - Unit 3 & Unit 4  
7.7A - Represent linear relationships using verbal descriptions, tables, graphs, and equations that simplify to the form y = mx + b. Readiness Standard - Unit 4 |
| Unit 11 - Essential Understandings of Algebra | 7.4A - Represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including d=rt. Readiness Standard  
7.7A - Represent linear relationships using verbal descriptions, tables, graphs, and equations that simplify to the form y = mx + b. Readiness Standard |
| Unit 12 - Essential Understandings of Geometry | 7.4A - Represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including d=rt. Readiness Standard  
7.7A - Represent linear relationships using verbal descriptions, tables, graphs, and equations that simplify to the form y = mx + b. Readiness Standard |