



East Carter Co. R-II School District
Course Scope and Sequence

Course: 4th Grade Math

# OF DAYS	TOPICS
40	Unit 1: Place Value and Multi-Digit Addition and Subtraction Concepts: Identify Place Value, Standard/Expanded/Word Form, Comparing Numbers, Rounding, Adding and Subtracting
40	Unit 2: Multiplication and Division/ Area and Perimeter Concepts: Multiplication, Area, Perimeter, Division
25	Unit 3: Fractions Concepts: Equivalent Fractions, Comparing Fractions, Computation with Fractions
15	Unit 4: Relationship and Algebraic Reasoning Concepts: Prime, Composite, factors, multiples, patterns
20	Unit 5: Geometry Concepts: Lines, Two/Three-dimensional figures, symmetry, Angles
20	Unit 6: Measurement Concepts: Measuring Angles, Frequency Tables, Graphs

Course Description

The East Carter R-II Fourth Grade Mathematics program is designed to expand on the student's knowledge and skills involving number and operations, algebraic relationships, geometric and spatial relationships, measurement, and data and probability. Included in this course is expanded knowledge of place value, classifying and comparing numbers, geometry, data collection and problem solving. Students will add, subtract, multiply, and divide whole numbers, use decimals and fractions, and apply problem solving strategies in real-life situations, utilize charts and graphs in organizing data. A variety of teaching methods, and assessment strategies are incorporated into the daily routine. Differentiated instruction is utilized to reach all students' academic needs and levels.