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

Course: 2nd Grade Math

# OF DAYS	TOPICS
8	Module 1: Sums and Differences to 100 Essential Question: How can I add and subtract numbers within 100? Concepts: decomposition of two-digit numbers, addition of two-digit numbers, subtraction of two-digit numbers
28	Module 3: Place Value, Counting, and Comparing Numbers to 1,000 Essential Question: How can I use place value to count and compare numbers? Concepts: how to count to a number, how to count between numbers, counting ten or more of a unit, different forms of a number, greater than, less than, equal to, "1, 10, 100 more/less"
40	Module 4: Addition and Subtraction Within 200 and Word Problems to 100 Essential Question: How can I use place value to add and subtract numbers within 200? Concepts: place value, make multiples of 10, "in parts" (2 methods), count on, compensation
22	Module 5: Addition and Subtraction within 1,000 and Word Problems to 100 Essential Question: How can I use place value to add and subtract numbers within 1,000? Concepts: addition, subtraction, number lines, unknown addends, tape diagram
20	Module 6: Foundations of Multiplication and Division Essential Question: How can I use equal groups to add, multiply, and divide? Concepts: addition of equal groups, arrays, area of rectangle

30	Module 7: Problem Solving with Length, Money, and Data Essential Question: How can I use data, coins, bills, and measurement tools to measure and display units? Concepts: relationship between measurement units and values, problem solving with categorical data, problem solving with coins and bills, creating an inch ruler, measuring and estimating length, problem solving with customary and metric units, displaying measurement units
30	Module 8: Time, Shapes, and Fractions as Equal Parts of Shapes Essential Question: How do equal parts of shapes represent fractions and time? Concepts: geometry, fractions, partitions of shapes, telling time

Course Description

In this course, students will be taught the Missouri Learning Standards for Second Grade Math. These standards will be taught using Eureka Math/Engage NY math curriculum. Standards include addition, subtraction, place value, word problems, introduction to multiplication and division, time, money, shapes, and fractions.