



## Second Grade Mathematics



### Essential knowledge and skills that form the basis of mathematics instruction in our second grade classrooms:

- Add and subtract within 1000
- Add up to four two-digit numbers
- Solve one- and two-step word problems involving addition and subtraction within 100
- Determine whether a group of objects has an even or odd amount
- Separate a three-digit number into hundreds, tens, and ones
- Count within 1000 by ones, fives, tens, and hundreds
- Read and write numbers within 1000 using numerals, words, and expanded form
- Compare three-digit numbers using  $<$ ,  $>$ ,  $=$
- Measure lengths of objects using tools
- Estimate lengths of objects using inches, feet, centimeters, and meters
- Measure to find the difference in length of two objects
- Tell time to the nearest five-minutes, using a.m. and p.m.
- Solve word problems involving amounts of coins and dollar bills
- Create picture and bar graphs to represent data
- Answer questions about data comparisons
- Identify and create shapes based on their attributes
- Count unit squares to find the area of rectangles
- Divide circles and rectangles into two, three and four equal parts, describe the parts as *halves, thirds, fourths, quarters*