

### Course Description:

In Mathematics 1 (2 of 2), students will fluently count to 120, use place value to compare and order numbers, write numbers in different forms, and solve problems using addition and subtraction strategies. They will count money up to \$100, compare lengths, measure objects using nonstandard units and inches, and tell time to the hour and half hour. In addition, students will create graphs and interpret data, describe attributes of two-dimensional and three-dimensional shapes, and partition shapes into halves and fourths.

### Course Objectives:

- Count from 1 to 120.
- Count backward from a given number within 100.
- Write numbers in standard form, word form, and expanded form.
- Identify place values in numbers within 100.
- Use base-ten blocks to represent numbers in various ways.
- Compare numbers using words like 'less than', 'greater than', and 'equal to'.
- Compare numbers using place value.
- Order numbers on a number line.
- Solve addition and subtraction problems within 100.
- Identify values of pennies, nickels, dimes, and quarters.
- Sort, order, and make equal amounts of coins.
- Define income, goods, and services.
- Know the concept of spending, saving, and charitable giving.
- Compare and order objects by length.
- Measure objects using non-standard units and rulers.
- Read and match digital and analog clocks.
- Sort, tally, and interpret data using tally marks.
- Create and interpret picture graphs and bar graphs.
- Draw conclusions from data.
- Classify and identify 2-D and 3-D shapes.
- Create composite shapes using 2-D and 3-D shapes.
- Identify 2-D and 3-D shapes in real-life.

### Required Materials:

- 100 small objects for counting and modeling, such as beans, bingo chips, or buttons
- crayons/markers/colored pencils
- glue
- paper
- pencils
- printables (see Course Syllabus for link)
- printer and printer paper (for printables)
- scissors

## Course Overview:

This course is made up of 18 units. Each unit has five lessons. Lessons are made of up activities that include the following types of learning:

- **Warm-Ups** allow for practice of skills or concepts taught in previous lessons. These are graded activities.
- **Direct Instructions** provide modeling of new skills and concepts. These are not graded activities.
- **Guided Practices** allow for practice of a skill with support. These are graded activities only on a completion basis.
- **Independent Practices** allow for practice of a skill without support. These are graded activities.
- **Unit Reviews** allow for practice of skills prior to taking unit exams. These are not graded activities.
- **Unit Exams** test mastery of skills from the unit. These are graded activities.