

# Hope Township School Mathematics

## Measurable Expectations

### 2nd Grade

#### Common Core Standards 2nd Grade Overview:

- Operations and Algebraic Thinking
- Number and Operations in Base Ten
- Measurement and Data
- Geometry
- Mathematical Practices

#### Grade Level Goals:

- ◇ Fluently add and subtract a two digit and one digit number with result not exceeding 20
- ◇ Add and subtract within 100 to solve one and two step word problems (including measurement and money)
- ◇ Classify numbers up to 100 as odd or even and understand the properties of adding and subtracting odd / even numbers (Ex.: odd + odd = even)
- ◇ Understand and work with place value up to hundreds place
- ◇ Count within 1,000. Skip count by 5s, 10s, 100s. Skip count by 25s to 200
- ◇ Read, write and compare numbers to 1,000 in standard, written, and expanded form
- ◇ Add and subtract two digit numbers with and without regrouping
- ◇ Know sums of 2 one digit numbers by memory
- ◇ Mentally add and subtract 10 and 100 to a given number up to 900
- ◇ Measure and estimate the length of an object using appropriate tools to the nearest whole unit (inches, feet, centimeter, meter)
- ◇ Tell time to nearest 5 minutes
- ◇ Add any denominations of coins and dollar bills
- ◇ Organize and interpret data in a frequency table, bar graph, pictograph, line plot with numbers up to 100
- ◇ Count and compare sides, angles, and vertices of shapes up to and including quadrilateral, pentagon and hexagon, and draw these shapes
- ◇ Partition a rectangle into rows and columns of same size squares and count to find total number of them
- ◇ Partition circles and rectangles into halves, quarters and thirds

#### Mission Statement

Hope Township School, in cooperation with our community, values the importance of a supportive, challenging education for all students delivered through an effective, contemporary curriculum that meets or exceeds the Common Core State Standards and the New Jersey Core Curriculum Content Standards. By fostering communication and respect in a positive educational environment, all children can realize their potential.

