2nd Grade Math Essential Standards and Learning Targets

**Essential Standards**

- **2.M.1**: Students will demonstrate an understanding of the base-ten number system.
- **2.M.2**: Students will understand and apply the properties of addition and subtraction.
- **2.M.3**: Students will represent and interpret data.
- **2.M.4**: Students will measure using standard units and solve problems involving length, time, and money.
- **2.M.5**: Students will reason with shapes and their attributes.

**Learning Targets**

- **2.M.1**: Understand that a number can be thought of as a collection of ten things called a “hundred.”
  - (MS-2.NBT.A.1) (CCSS-2.NBT.1)

- **2.M.2**: Write and solve equations involving addition and subtraction within 100.
  - (MS-2.NBT.A.2) (CCSS-2.NBT.2)

- **2.M.3**: Generate measurement data to the nearest whole unit, and display in a line plot.
  - (MS-2.OA.A.4) (CCSS-2.OA.3)

- **2.M.4**: Solve problems and draw conclusions using information presented in line plots.
  - (MS-2.OA.A.4)(MS-2.OA.A.3)(CCSS-2.OA.3)

**Additional Notes**

- **2.M.5**: Recognize and draw shapes having specified attributes, such as a given number of angles and sides.
  - (MS-2.G.M.1) (CCSS-2.G.1)
  - a. Identify triangles, quadrilaterals, pentagons, hexagons, circles and cubes.
  - b. Identify the faces of three-dimensional objects.
  - c. Demonstrate that equal shares of identical wholes need not have the same shape.

- **2.M.6**: Partition circles and rectangles into two, three or four equal shares, and describe the shares and the whole.
  - (MS-2.G.M.3) (CCSS-2.G.3)

- **2.M.7**: Recognize and draw shapes having specified attributes, such as a given number of angles and sides.
  - (MS-2.G.M.4) (CCSS-2.G.4)

- **2.M.8**: Identify and describe attributes of two-dimensional shapes and three-dimensional objects.
  - (MS-2.G.M.5)(CCSS-2.G.5)
  - a. Find the number of two-dimensional shapes in a list of shapes.
  - b. Find the value of objects that equal a given amount.
  - c. Measure the length of an object using different units.
  - d. Measure the length of an object using different units.

- **2.M.9**: Identify and describe attributes of two-dimensional shapes and three-dimensional objects.

- **2.M.10**: Measure to determine how much longer one object is than another.
  - (MS-2.G.M.7)(CCSS-2.G.7)

- **2.M.11**: Measure the length of an object using different units.
  - (MS-2.G.M.8)(CCSS-2.G.8)

- **2.M.12**: Measure small distances using a ruler.
  - (MS-2.G.M.9)(CCSS-2.G.9)

- **2.M.13**: Describe a time shown on an analog clock as representing hours and minutes.
  - (MS-2.G.M.10)(CCSS-2.G.10)

- **2.M.14**: Tell and write time from an analog and digital clock.