



# NOSD Third Grade Math Standards

## **Mathematical Practices:**

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

## **Operations and Algebraic Thinking:**

- Represent and solve problems involving multiplication and division.
- Understand properties of multiplication and the relationship between multiplication and division.
- Multiply and divide within 100.
- Solve problems involving the four operations, and identify and explain patterns in arithmetic.

## **Number and Operation in Base Ten:**

- Use place value understanding and properties of operations to perform multi-digit arithmetic.

## **Number and Operations - Fractions:**

- Develop understanding of fractions as numbers.

## **Measurement and Data:**

- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
- Represent and interpret data.
- Geometric measurement: understand concepts of area and relate area to multiplication and to addition.
- Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and are mesures.

## **Geometry:**

- Reason with shapes and their attributes.

