

MATHEMATICS

COMMON CORE STATE STANDARDS

DOMAINS & CLUSTERS FOR

GRADE 3

3.OA **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.

3.NBT **Number and Operations in Base Ten**

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

3.NF **Number and Operations—Fractions**

- Develop understanding of fractions as numbers.

3.MD **Measurement and Data**

- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
- Present 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 area measures.

3.G **Geometry**

- Reason with shapes and their attributes.