



Math
Third Grade

1.0 Operations and Algebraic Thinking

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

2.0 Number and Operations in Base Ten

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

3.0 Numbers and Operations – Fractions

- 3.1 Develop understanding of fractions as numbers.

4.0 Measurement and Data

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

5.0 Geometry

- 5.1 Reason with shapes and their attributes.

6.0 Mathematical Practices

- 6.1 Make sense of problems and persevere in solving them.
- 6.2 Reason abstractly and quantitatively.
- 6.3 Construct viable arguments and critique the reasoning of others.
- 6.4 Model with mathematics.

6.5 Use appropriate tools strategically.

6.6 Attend to precision.

6.7 Look for and make use of structure.

6.8 Look for and express regularity in repeated reasoning.