



Math
Fourth Grade

1.0 Operations and Algebraic Thinking

- 1.1 Use the four operations with whole numbers to solve problems.
- 1.2 Gain familiarity with factors and multiples.
- 1.3 Generate and analyze patterns.

2.0 Number and Operations in Base Ten

- 2.1 Generalize place value understanding for multi-digit whole numbers.
- 2.2 Use place value understanding and properties of operations to perform multi-digit arithmetic.

3.0 Numbers and Operations – Fractions

- 3.1 Extend understanding of fraction equivalence and ordering.
- 3.2 Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
- 3.3 Understand decimal notion for fractions, and compare decimal fractions.

4.0 Measurement and Data

- 4.1 Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- 4.2 Represent and interpret data.
- 4.3 Geometric measurement: understand concepts of angles and measure angles.

5.0 Geometry

- 5.1 Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

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.