

**FOCUS ON****TOPICS****MAJOR CLUSTER 4.NBT.A**

Generalize place value understanding for multi-digit whole numbers.

1 Generalize Place Value Understanding

**MAJOR CLUSTER 4.NBT.B**

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

- 2 Fluently Add and Subtract Multi-Digit Whole Numbers
- 3 Use Strategies and Properties to Multiply by 1-Digit Numbers
- 4 Use Strategies and Properties to Multiply by 2-Digit Numbers
- 5 Use Strategies and Properties to Divide by 1-Digit Numbers

**MAJOR CLUSTER 4.OA.A**

Use the four operations with whole numbers to solve problems.

6 Use Operations with Whole Numbers to Solve Problems

**SUPPORTING CLUSTER 4.OA.B**

Gain familiarity with factors and multiples.

7 Factors and Multiples

**MAJOR CLUSTER 4.NF.A**

Extend understanding of fraction equivalence and ordering.

8 Extend Understanding of Fraction Equivalence and Ordering

**MAJOR CLUSTER 4.NF.B**

Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

- 9 Understand Addition and Subtraction of Fractions
- 10 Extend Multiplication Concepts to Fractions

**SUPPORTING CLUSTER 4.MD.B**

Represent and interpret data.

11 Represent and Interpret Data on Line Plots

**MAJOR CLUSTER 4.NF.C**

Understand decimal notation for fractions, and compare decimal fractions.

12 Understand and Compare Decimals

**SUPPORTING CLUSTER 4.MD.A**

Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.

13 Measurement: Find Equivalence in Units of Measure

**ADDITIONAL CLUSTER 4.OA.C**

Generate and analyze patterns.

14 Algebra: Generate and Analyze Patterns

**ADDITIONAL CLUSTER 4.MD.C**

Geometric measurement: understand concepts of angle and measure angles.

15 Geometric Measurement: Understand Concepts of Angles and Angle Measurement

**ADDITIONAL CLUSTER 4.G.A**

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

16 Lines, Angles, and Shapes