

KS Grade Level **FOCUS** for Fourth Grade



Standards should provide *focus, coherence, and rigor*. This document shows educators the concepts and topics that should be the *focus* for their grade level. By emphasizing some clusters of mathematics over others, the *coherence* between grades will assist students in building key ideas and essential concepts that are revisited at more depth in later grades.

Though some standards have a greater emphasis than others, they cannot be ignored. These standards should support the major areas of focus for each grade level and provide a foundation for future topics.

To assist with curriculum mapping and the curriculum adoption process, a set of Grade Level Focus worksheets <http://bit.ly/GLF-Worksheet> have been produced for districts and schools to use.

Major, Supporting, and Additional Clusters for Fourth Grade

Mathematics is best when focusing at the cluster level instead of at the standard level. This structure provides better coherence and connectivity. The major work of the grade level should focus on the major clusters. The supporting and additional clusters should support the major clusters and provide foundational ideas for future mathematics.

▶ Major Clusters

◆ Supporting Clusters

● Additional Clusters

- 4.OA.A ▶ Use the four operations with whole numbers to solve problems.
- 4.OA.B ◆ Gain familiarity with factors and multiples.
- 4.OA.C ● Generate and analyze patterns.

- 4.NBT.A ▶ Generalize place value understanding for multi-digit whole numbers.
- 4.NBT.B ▶ Use place value understanding and properties of operations to perform multi-digit arithmetic.

- 4.NF.A ▶ Extend understanding of fraction equivalence and ordering.
- 4.NF.B ▶ Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
- 4.NF.C ▶ Understand decimal notation for fractions, and compare decimal fractions.

- 4.MD.A ◆ Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- 4.MD.B ◆ Represent and interpret data.

- 4.G.A ● Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

Required Fluency ([flexibly, efficiently, and accurately](#)) for Fourth Grade:

- 4.NBT.B.4 ▶ Add/subtract within 1,000,000.