KS Grade Level FOCUS for Fifth Grade

Standards should provide *focus*, *coherence*, and *rigor*. This document shows educators the concepts and topics that should be the <u>focus</u> for their grade level. By emphasizing some clusters of mathematics over others, the <u>coherence</u> 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 Fifth 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**

5.OA.A	● Write and interpret numerical expressions.
5.NBT.A	▶ Understand the place value system.
5.NBT.B	▶ Perform operations with multi-digit whole numbers and with decimals to hundredths.
5.NF.A	▶ Use equivalent fractions as a strategy to add and subtract fractions.
5.NF.B	▶ Apply and extend previous understandings of multiplication and division to multiply and divide fractions.
5.MD.A	◆ Convert like measurement units within a given measurement system.
5.MD.B	◆ Represent and interpret data.
5.MD.C	▶ Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.
5.G.A	● Graph points on the coordinate plane to solve real-world and mathematical problems.
5.G.B	● Classify two-dimensional figures into categories based on their properties.

Required Fluency (flexibly, efficiently, and accurately) for Fifth Grade:

5.NBT.B.5	▶ Multi-digit multiplication.