Grade 5

Major	Supporting	Additional
Number and Operations in Base Ten ▪ Understand the place value system. ▪ Perform operations with multi-digit whole numbers and with decimals to hundredths. **Number and Operations – Fractions** ▪ Use equivalent fractions as a strategy to add and subtract fractions. ▪ Apply and extend previous understandings of multiplication and division to multiply and divide fractions. **Measurement and Data** ▪ Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.	**Measurement and Data** ☐ Represent and interpret data. [5] ☐ Convert like measurement units within a given measurement system. [6]	**Operations and Algebraic Thinking** ○ Write and interpret numerical expressions. ○ Analyze patterns and relationships. **Geometry** ○ Graph points on the coordinate plane to solve real-world and mathematical problems. ○ Classify two-dimensional figures into categories based on their properties.

Depth Opportunities:

NBT 1, 6; NF 2, 4; MD 5

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[5] *The standard in this cluster provides an opportunity for solving real-world problems with operations on fractions, connecting directly to both number and Operations – Fractions clusters.*

[6] *Work in these standards supports computation with decimals. For example, converting 5 cm to .05 m involves computation with decimals to hundredths.*