MATHEMATICS CURRICULUM MAP

Grade 5

May 2024

Grade 5: Math Year at a Glance

Areas of Focus: In Grade 5, instructional time should focus on three critical areas: (1) developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions); (2) extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations; and (3) developing understanding of volume.

Resource: Big Ideas Math: Modeling Real Life Common Core - Grade 5 (ISBN: 9781642085402)

Semester 1	Semester 2
Chapter 1: Place Value Concepts 5.NBT.1, 5.NBT.2, 5.NBT.3, 5.NBT.4 **Chapter 2:** Numerical Expressions 5.OA.1, 5.OA.2 **Chapter 3:** Add and Subtract Decimals 5.NBT.4, 5.NBT.7 **6th Grade Chapter 2:** 2.4 Adding and Subtracting Decimals 6.NS.3 **Chapter 4 and Chapter 13:** Multiply Whole Numbers 5.NBT.2, 5.NBT.5; and Understand Volume 5.MD.3, 5.MD.4, 5.MD.5, 5.MD.5a, 5.MD.5b, 5.MD.5c **Chapter 5 :** Multiply Decimals 5.NBT.2, 5.NBT.7, 5.NBT.4 **6th Grade Chapter 2:** 2.5 Multiplying Decimals 6.NS.3 **Chapter 6:** Divide Whole Numbers 5.NBT.6, 5.NF.3 **6th Grade Chapter 2:** 2.6 Dividing Whole Numbers 6.NS.2	**Chapter 7:** Divide Decimals 5.NBT.2, 5.NBT.7, 5.NBT.4 **6th Grade Chapter 2:** 2.7 Dividing Decimals 6.NS.3 **Chapter 8:** Add and Subtract Fractions 5.NF.1, 5.NF.2 **Chapter 9:** Multiply Fractions 5.NF.4, 5.NF.4a, 5.NF.6, 5.NF.4b, 5.NF.5a, 5.NF.5b **6th Grade Chapter 2:** 2.1 Multiplying Fractions **Chapter 10:** Divide Fractions 5.NF.3, 5.NF.7, 5.NF.7b, 5.NF.7a, 5.NF.7c **6th Grade Chapter 2:** 2.2 Dividing Fractions and 2.3 Dividing Mixed Numbers 6.NS.1 **Chapter 11:** Convert and Display Units of Measure 5.MD.1, 5.MD.2 **Chapter 12 and Chapter 14:** Patterns and the Coordinate Plane 5.G.1, 5.G.2, 5.OA.3 and Classify Two-Dimensional Shapes 5.G.3, 5.G4

Priority Standards: Not all content in a given grade is emphasized equally in the Standards. Some clusters require greater emphasis than others based on the depth of the ideas, the time that they take to master, and/or their importance to future mathematics or the demands of college and career readiness. More time in these areas is necessary. These standards are taught in-depth to full mastery.

Supporting vs. Additional: Supporting standards (highlighted in blue) are designed to strengthen the areas of major emphasis. Connections are clear and emphasize coherence between topics. Additional standards (highlighted in yellow) do not connect as tightly as supporting standards.