

Fifth Grade Mathematics Curriculum Map

Throughout the course of study, students will demonstrate skills for mathematical process goals of problem solving, communication, reasoning, connections, and representations. Spiral review expectations include number sense routines, single and multiple step problem solving with whole numbers and decimals, and fraction recognition and computation review.

Unit Name	Standards of Learning (SOL)	Big Ideas	Suggested Time Frame
Unit 0: Think Like a Mathematician	Priority SOL: 4.1c, 4.3d Essential SOL: 4.1a, 4.1b, 4.3a, 4.3b, 4.3c	Number and Number Sense Decimals and Rounding	5 days
Unit 1: Operations with Whole Numbers	Priority SOL: 5.4, 5.19d Essential SOL: 5.3a, 5.3b, 5.7, 5.18, 5.19a, 5.19b, 5.19c	Multi-step problems and whole numbers Solving one-variable equations	25 days
Buffer Days: Assessment, Enrichment, and Remediation			5 days
Unit 2: Fractions & Decimals	Priority SOL: 5.2a, 5.2b Essential SOL: 5.1	Equivalence among fractions & decimals Compare and order	25 days
Buffer Days: Assessment, Enrichment, and Remediation			5 days
Unit 3: Operations with Fractions & Decimals	Priority SOL: 5.5a, 5.6a Essential SOL: 5.5b, 5.6b	Operations with fractions & decimals Practical problems with fractions & decimals	26 days
Buffer Days: Assessment, Enrichment, and Remediation			4 days
Unit 4: Measurement	Priority SOL: 5.8b, 5.9b, 5.11 Essential SOL: 5.8a, 5.9a	Perimeter, area, volume Length, mass, liquid volume in metric units Elapsed time	24 days
Buffer Days: Assessment, Enrichment, and Remediation			5 days
Unit 5: Geometry	Priority SOL: 5.13b, 5.14b Essential SOL: 5.10, 5.12, 5.13a, 5.14a	Solving unknown angle measures Translations, reflections, and rotations Combining and subdividing polygons	20 days
Buffer Days: Assessment, Enrichment, and Remediation			3 days
Unit 6: Graphing and Probability	Priority SOL: 5.15, 5.16c, 5.17d Essential SOL: 5.16a, 5.16b, 5.17a, 5.17b, 5.17c	Determine Probability Comparing line plot/stem-and-leaf plot data Mean, median, mode, range	20 days
Buffer Days: Assessment, Enrichment, and Remediation			4 days
Unit 7: Show What You Know	Review SOL based on data. Students should have differentiated learning opportunities to continue to show mastery of year-long expectations.		10 days

All Standards of Learning (SOL) **must** be taught. Essential Standards of Learning are “those standards that support, connect to, or enhance the **Priority Standards**. They are taught within the context of the **Priority Standards** but do not receive the same degree of instruction and assessment emphasis as do the **Priority Standards**” (Ainsworth, 2013, 2019).