



OSSD Scope & Sequence: Math Grade 5

Scope & Sequence (S&S) is an overview of the skills and content covered in the curriculum at each class/instructional level. It provides an overview of the length of time (scope) and the order (sequence) in which key content will be taught.

Grade Level(s):5

Content Area and/or Course Title: Math Grade 5

Unit Title	Time/Term	Focus Standards and Unit Outcomes
		<i>Standards from the Vermont Content Areas: Mathematics Essential Standards are indicated in blue.</i>
Expressions, Equations & Volume	August-September	Multiplication & Volume; Factors, Multiples & the Associative Property; Multiplication Strategies; From Multiplication to Division 4.OA.4, 5.OA.1, 5.OA.2, 5.MD.3b, 5.MD.5a 4.NBT.5, 5.NF.5a, 5.NBT.6 4.NBT.6, 5.MD.5a,
Adding & Subtracting Fractions	October	Adding & Subtracting Fractions; Introducing Common Denominators; Common Denominators; LCMs and GCFs 5.NF.1, 5.NF.2 5.NBT.7, 5.NF.3, 5.NF.4a
Place Value & Decimals	November-December	Whole Number & Decimal Place Value; Adding & Subtracting Decimals; Conversions; Division & the Area Model 5.NBT.1, 5.NBT.2, 5.NBT.7 5.NBT.3a, 5.NBT.3b, 5.NBT.4, 5.NBT.7 5.NBT.6, 5.MD.1
Multiplying & Dividing Whole Numbers & Decimals	January	Multiplication & Division Strategies; More Multiplication & Division Strategies; From Array to Algorithm; Multiplying to Divide 5.OA.2, 5.NBT.5, 5.NBT.6, 5.NBT.7, 5.NF.4a 5.OA.1, 5.MD.5b
Multiplying & Dividing Fractions	February	Multiplying Whole Numbers by Fractions; Multiplying Fractions by Fractions; More Fraction-by-Fraction

		<p>Multiplication; Dividing Fractions & Whole Numbers;</p> <p>5.NF.1, 5.NF.4a–b, 5.NF.6, 5.MD.1 5.NF.5a–b, 5.NBT.6, 5.NF.7a–c</p>
Graphing, Geometry & Volume	March	<p>Graphing Ordered Pairs; Classifying Polygons; Volume; Banners & Flags</p> <p>5.OA.3 5.G.1 5.G.2 5.MD.3a, 5.G.3, 5.G.4 5.OA.1, 5.NBT.6, 5.MD.3b, 5.MD.4, 5.MD.5a–c, 5.NF.4b, 5.NF.5a–b, 5.NF.6</p>
Division & Decimals	April	<p>Division of Fractions & Whole Numbers; Division Interpretations & Strategies; Powers of Ten; Decimal Multiplication & Division</p> <p>5.OA.1, 5.NBT.2, 5.NBT.6, 5.NF.3, 5.NF.7a–c 5.NBT.7</p>
Solar Design	May-June (If time allows)	<p>Investigating Solar Energy; Investigating Passive Solar Design; Designing Solar Homes; Finishing Our Models</p> <p>Application of above standards</p>