

Mathematics- Grade 5 (#5012070)

Scope and Sequence 2022-2023

Unit Title	Benchmarks	Timeline
Unit 1: Place Value: Multi-Digit Whole Numbers and Decimals	MA.5.NSO.1.1 , MA.5.NSO.1.2 , MA.5.NSO.1.3 , MA.5.NSO.1.4 , MA.5.NSO.1.5 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1	3 weeks (10 days)
Unit 2: Add and Subtract Decimals	MA.5.NSO.2.3 , MA.K12.MTR.3.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1 , MA.K12.MTR.6.1	3 weeks (12 days)
Unit 3: Multiply Multi-Digit Whole Numbers	MA.5.NSO.2.1 , MA.5.AR.1.1 , MA.K12.MTR.1.1 , MA.K12.MTR.3.1 , MA.K12.MTR.4.1 , MA.K12.MTR.6.1	2 weeks (11 days)
Unit 4: Understand Multiplication with Decimals	MA.5.NSO.2.4 , MA.5.NSO.2.5 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1 , MA.K12.MTR.6.1	3 weeks (11 days)
Unit 5: Divide Multi-Digit Whole Numbers	MA.5.NSO.2.2 , MA.5.AR.1.1 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.3.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1 , MA.K12.MTR.6.1	3 weeks (15 days)
Unit 6: Understand Division with Decimals	MA.5.NSO.2.4 , MA.5.NSO.2.5 , MA.5.M.2.1 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1 , MA.K12.MTR.6.1	3 weeks (12 days)
Unit 7: Represent Patterns and Data on the Coordinate Plane	MA.5.AR.3.1 , MA.5.AR.3.2 , MA.5.GR.4.1 , MA.5.GR.4.2 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1 , MA.K12.MTR.7.1	2 weeks (12 days)
Unit 8: Add and Subtract Fractions	MA.5.FR.2.1 , MA.5.AR.1.2 , MA.K12.MTR.2.1 , MA.K12.MTR.3.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1 , MA.K12.MTR.6.1 , MA.K12.MTR.7.1	4 weeks (16 days)
Unit 9: Understand Multiplication of Fractions	MA.5.FR.2.2 , MA.5.FR.2.3 , MA.5.AR.1.2 , MA.5.GR.2.1 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.3.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1 , MA.K12.MTR.6.1	2 weeks (12 days)
Unit 10: Understand Division Involving Unit Fractions	MA.5.FR.1.1 , MA.5.FR.2.4 , MA.5.AR.1.3 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1	2 weeks (9 days)
Unit 11: Geometric Concepts: Classifying Figures and Understanding Volume	MA.5.GR.1.1 , MA.5.GR.1.2 , MA.5.GR.3.1 , MA.5.GR.3.2 , MA.5.GR.3.3 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.4.1 , MA.K12.MTR.6.1	2 weeks (9 days)
Unit 12: Collect, Represent, and Interpret Data	MA.5.DP.1.1 , MA.5.DP.1.2 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.4.1 , MA.K12.MTR.6.1	2 weeks (9 days)
Unit 13: Translate, Evaluate, and Explain Numerical Expressions	MA.5.AR.2.1 , MA.5.AR.2.2 , MA.5.AR.2.3 , MA.5.AR.2.4 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1	2 weeks (9 days)
Unit 14: Solve Multi-Step Problems Involving Measurement Conversions	MA.5.M.1.1 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 , MA.K12.MTR.3.1 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1 , MA.K12.MTR.7.1	2 weeks (8 days)
F.A.S.T. Review		(2 days)
Unit 15: Fluency Practice: Operations with Decimals	MA.5.NSO.2.3 , MA.5.NSO.2.4 , MA.5.NSO.2.5 , MA.5.M.2.1	2 weeks
Unit 16: Fluency Practice: Add and Subtract Fractions	MA.5.FR.2.1 , MA.5.AR.1.2	2 weeks

Fluency Expectations

Quarter 1	Quarter 2	Quarter 3	Quarter 4
• Whole Number Multiplication (2-digit by 2-digit)	• Add and Subtract Decimals	• Whole Number Multiplication • Whole Number Division	• Add and Subtract Fractions

* Resources to support quarterly fluency expectations are located in Teacher Canvas. (i.e. Daily Math Review, Daily Jump Starts, math stations, etc.)