

M/J Grade 7 Mathematics ([1205040](#))

Scope and Sequence 2023-2024

Unit Title	Benchmarks	Timeline
Unit 1: Use Rational Number Operations	MA.7.NSO.1.1 , MA.7.NSO.1.2 , MA.7.NSO.2.1 , MA.7.NSO.2.2 , MA.7.NSO.2.3 , MA.K12.MTR.2.1 , MA.K12.MTR.4.1	4 weeks (22 days)
Unit 2: Analyze and Use Proportional Relationships	MA.7.AR.3.2 , MA.7.AR.3.3 , MA.7.AR.4.1 , MA.7.AR.4.2 , MA.7.AR.4.3 , MA.7.AR.4.4 , MA.K12.MTR.1.1 , MA.K12.MTR.5.1	4 weeks (19 days)
Unit 3: Analyze and Solve Percent Problems	MA.7.AR.3.1 , MA.7.AR.3.2 , MA.7.AR.4.5 , MA.7.NSO.1.2 , MA.K12.MTR.6.1 , MA.K12.MTR.7.1	4 weeks (21 days)
Unit 4: Write Algebraic Expressions in Equivalent Forms	MA.7.AR.1.1 , MA.7.AR.1.2 , MA.K12.MTR.2.1 , MA.K12.MTR.5.1	4 weeks (21 days)
Semester Exam Week		1 week (4 days)
Unit 5: Solve Problems Using Equations and Inequalities	MA.7.AR.2.1 , MA.7.AR.2.2 , MA.K12.MTR.5.1 , MA.K12.MTR.6.1	4 weeks (17 days)
Unit 6: Represent and Interpret Data	MA.7.DP.1.1 , MA.7.DP.1.2 , MA.7.DP.1.3 , MA.7.DP.1.4 , MA.7.DP.1.5 , MA.K12.MTR.1.1 , MA.K12.MTR.7.1	4 weeks (17 days)
Unit 7: Understand Probability	MA.7.DP.2.1 , MA.7.DP.2.2 , MA.7.DP.2.3 , MA.7.DP.2.4 , MA.K12.MTR.4.1 , MA.K12.MTR.6.1	4 weeks (18 days)
Unit 8: Solve Problems Involving Geometry	MA.7.GR.1.1 , MA.7.GR.1.2 , MA.7.GR.1.3 , MA.7.GR.1.4 , MA.7.GR.1.5 , MA.7.GR.2.1 , MA.7.GR.2.2 , MA.7.GR.2.3 , MA.K12.MTR.3.1 , MA.K12.MTR.5.1	4 weeks (21 days)
F.A.S.T. Review Week		1 week (5 days)
Unit 9: Fluency Practice: Operations with Rational Numbers	MA.7.NSO.2.1 , MA.7.NSO.2.2 , MA.7.NSO.2.3	1 week (6 days)
Unit 10: Fluency Practice: Solving Equations and Inequalities	MA.7.AR.2.1 , MA.7.AR.2.2	2 weeks (7 days)

Fluency Expectations

Quarter 1	Quarter 2	Quarter 3	Quarter 4
• Operations with Integers	• Equivalent fractions, decimals and percents (rational numbers)	• Addition and Subtraction with Rational Numbers	• Multiplication and Division with Rational Numbers

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