

M/J Accelerated Mathematics Grade 7(1205050)

Scope and Sequence 2023-2024

Unit Title	Benchmarks	Timeline
Unit 1: Solve Problems Involving Real Numbers	MA.7.NSO.1.2 , MA.8.NSO.1.1 , MA.8.NSO.1.2 , MA.8.NSO.1.7 , MA.8.AR.2.3 , MA.K12.MTR.4.1 , MA.K12.MTR.6.1	3 weeks (16 days)
Unit 2: Apply Laws of Exponents	MA.7.NSO.1.1 , MA.8.NSO.1.3 , MA.8.NSO.1.4 , MA.8.NSO.1.5 , MA.8.NSO.1.6 , MA.8.AR.1.1 , MA.8.AR.1.2 , MA.8.AR.1.3 , MA.K12.MTR.5.1 , MA.K12.MTR.7.1	5 weeks (21 days)
Unit 3: Solve Equations and Inequalities	MA.7.AR.2.2 , MA.8.AR.2.1 , MA.8.AR.2.2 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1	3 weeks (16 days)
Unit 4: Analyze and Use Proportional Relationships	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	3 weeks (15 days)
Unit 5: Understand Linear Relationships	MA.8.AR.3.1 , MA.8.AR.3.2 , MA.8.AR.3.3 , MA.8.AR.3.4 , MA.8.AR.3.5 , MA.8.AR.4.1 , MA.8.AR.4.2 , MA.8.AR.4.3 , MA.K12.MTR.3.1 , MA.K12.MTR.5.1	4 weeks (19 days)
F.A.S.T. Review Week		
Unit 6: Define, Evaluate and Compare Functions	MA.8.F.1.1 , MA.8.F.1.2 , MA.8.F.1.3 , MA.K12.MTR.4.1 , MA.K12.MTR.5.1	4 weeks (15 days)
Unit 7: Solve Problems Involving Geometry	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	3 weeks (12 days)
Unit 8: Understand Relationships Involving Triangles	MA.8.GR.1.1 , MA.8.GR.1.2 , MA.8.GR.1.3 , MA.8.GR.1.4 , MA.8.GR.1.5 , MA.8.GR.1.6 , MA.K12.MTR.2.1 , MA.K12.MTR.7.1	4 weeks (18 days)
Unit 9: Congruence and Similarity	MA.8.GR.2.1 , MA.8.GR.2.2 , MA.8.GR.2.3 , MA.8.GR.2.4 , MA.K12.MTR.3.1 , MA.K12.MTR.6.1	3 weeks (12 days)
Unit 10: Represent Data and Probabilities	MA.7.DP.1.4 , MA.7.DP.1.5 , MA.8.DP.1.1 , MA.8.DP.1.2 , MA.8.DP.1.3 , MA.8.DP.2.1 , MA.8.DP.2.2 , MA.8.DP.2.3 , MA.K12.MTR.1.1 , MA.K12.MTR.7.1	3 weeks (17 days)
F.A.S.T. Review Week		
Unit 11: Fluency Practice: Laws of Exponents and Scientific Notation	MA.8.NSO.1.3 , MA.8.NSO.1.5	2 weeks (7 Days)
Unit 12: Fluency Practice: Solve Equations and Inequalities	MA.8.AR.2.1 , MA.8.AR.2.2	2 weeks (6 Days)

Fluency Expectations

Quarter 1	Quarter 2	Quarter 3	Quarter 4
• Operations with Rational Numbers	• Laws of Exponents	• Operations with numbers expressed in Scientific Notation	• Solve Equations and Inequalities

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