

M/J Grade 8 Pre-Algebra ([1205070](#))

Scope and Sequence 2023-2024

Unit Title	Benchmarks	Timeline
Unit 1: Solve Problems Involving Real Numbers	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	4 weeks (22 days)
Unit 2: Apply Laws of Exponents	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 (23 days)
Unit 3: Solve Equations and Inequalities	MA.8.AR.2.1 , MA.8.AR.2.2 , MA.K12.MTR.1.1 , MA.K12.MTR.2.1 ,	4 weeks (17 days)
Unit 4: 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 (22 days)
Semester Exam Week		1 week (4 days)
Unit 5: 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 (19 days)
Unit 6: 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	5 weeks (22 days)
Unit 7: 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	4 weeks (18 days)
Unit 8: Represent Data and Probabilities	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.8.AR.3.5 , MA.K12.MTR.1.1 , MA.K12.MTR.7.1	3 weeks (15 days)
F.A.S.T. Review Week		1 week (5 days)
Unit 9: Fluency Practice: Laws of Exponents and Scientific Notation	MA.8.NSO.1.3 , MA.8.NSO.1.5	1 week (6 days)
Unit 10: Fluency Practice: Solve Equations and Inequalities	MA.8.AR.2.1 , MA.8.AR.2.2	2 weeks (7 days)

Fluency Expectations

Quarter 1	Quarter 2	Quarter 3	Quarter 4
• Add, subtract, multiply, and divide rational numbers	• Laws of Exponents	• Operations with numbers expressed in Scientific Notation	• Solving 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.)