

Algebra 2 Honors (1200340) Scope and Sequence 2021-2022

This course has 57 **MAFS.912** standards in 25 groupings, plus 8 Honors standards (indicated in **▲Black**).

Green standards are non-repeating standards.

Purple standards are repeated **Equation & Modeling** standards.

Blue standards are standards split between two units.
(i.e. rational/radical or quadratic/exponential).

Red standards are repeated **Building & Interpreting Functions** standards.

Unit	Standards	Length of Time
Unit 1 One- and Two-Variable Equations (**Linear)	A-REI.3.6 A-CED.1.1, A-CED.1.2, A-CED.1.3, A-CED.1.4, A-REI.1.1, A-REI.4.11, N-Q.1.2 **These Equation & Modeling standards are repeated in Units 3, 5, 6, & 7, so introduce the concepts through Linear Equations in this unit.	3 weeks
Unit 2 Fundamentals of Functions (**Linear)	F-BF.1.1, F-BF.2.3, F-BF.2.4, F-IF.2.4, F-IF.2.5, F-IF.2.6, F-IF.3.7 (a), F-IF.3.9 **These Building & Interpreting Functions stds are repeated in Units 3, 5, 6, & 7, so introduce the concepts through Linear Functions in this unit.	3 weeks
Unit 3 Quadratic Expressions, Equations and Functions	A-REI.2.4, A-REI.3.7, N-CN.1.1, N-CN.1.2, N-CN.3.7, G-GPE.1.2 A-SSE.1.1 (quadratic), A-SSE.2.3 (a,b), F-IF.3.8 (a), ▲N-CN.3.8, ▲N-CN.3.9 A-CED.1.1, A-CED.1.2, A-CED.1.3, A-CED.1.4, A-REI.1.1, A-REI.4.11, N-Q.1.2 F-BF.1.1, F-BF.2.3, F-BF.2.4, F-IF.2.4, F-IF.2.5, F-IF.2.6, F-IF.3.7 (a), F-IF.3.9	5 weeks
Unit 4 Polynomial Expressions and Functions	A-SSE.1.2, A-APR.1.1, A-APR.2.2, A-APR.2.3, A-APR.3.4, A-APR.4.6 F-BF.2.3, F-IF.3.7 (c), ▲A-APR.3.5	4 weeks
Unit 5 Rational Equations and Functions	A-REI.1.2 (rational), ▲A-APR.4.7 A-CED.1.1, A-CED.1.2, A-CED.1.3, A-CED.1.4, A-REI.1.1, N-Q.1.2 F-BF.1.1, F-BF.2.3, F-BF.2.4, F-IF.2.4, F-IF.2.5, F-IF.2.6, F-IF.3.7 (d), F-IF.3.9	3 weeks
Unit 6 Radical Equations and Functions	A-REI.1.2 (radical), N-RN.1.1, N-RN.1.2 A-CED.1.3, A-CED.1.4, A-REI.1.1, N-Q.1.2 F-BF.1.1, F-BF.2.3, F-BF.2.4, F-IF.2.4, F-IF.2.5, F-IF.2.6, F-IF.3.7 (b), F-IF.3.9	3 weeks
Unit 7 Exponential and Logarithmic Equations and Functions	F-BF.2.a, F-LE.1.4, F-LE.2.5 A-SSE.1.1 (exponential), A-SSE.2.3 (c), F-IF.3.8 (b) A-CED.1.1, A-CED.1.2, A-CED.1.3, A-CED.1.4, A-REI.1.1, A-REI.4.11, N-Q.1.2 F-BF.1.1, F-BF.2.3, F-BF.2.4, F-IF.2.4, F-IF.2.5, F-IF.2.6, F-IF.3.7 (e), F-IF.3.9	4 weeks
Unit 8 Sequences, Series and Piecewise Functions	A-SSE.2.4, F-BF.1.2 F-BF.1.1, F-IF.3.7 (b)	3 weeks
Unit 9 Probability	S-CP.1.1, S-CP.1.2, S-CP.1.3, S-CP.1.4, S-CP.1.5, S-CP.2.6, S-CP.2.7 ▲S-CP.2.8, ▲S-CP.2.9, ▲S-MD.2.6, ▲S-MD.2.7	3 weeks
Unit 10 Statistics & Data Analysis	S-IC.1.1, S-IC.1.2, S-IC.2.3, S-IC.2.4, S-IC.2.5, S-IC.2.6, S-ID.1.4	3 weeks
Unit 11 Trigonometric Functions	F-TF.1.1, F-TF.1.2, F-TF.2.5, F-TF.3.8	3 weeks
End-of-Term Assessment window – May 23rd - June 1st		