

# Algebra 2 (1200330) Scope and Sequence 2020-2021

This course has 57 MAFS.912 standards in 25 groupings.

**Green** standards are non-repeating standards.

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

**Blue** standards are standards split between two units.

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

(i.e. rational/radical or quadratic/exponential).

Unit	Standards	Length of Time
Unit 1 One- and Two-Variable Equations (**Linear)	<b>A-REI.3.6</b> , <b>A-CED.1.1</b> , <b>A-CED.1.2</b> , <b>A-CED.1.3</b> , <b>A-CED.1.4</b> , <b>A-REI.1.1</b> , <b>A-REI.4.11</b> , <b>N-Q.1.2</b> **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)	<b>F-BF.1.1</b> , <b>F-BF.2.3</b> , <b>F-BF.2.4</b> , <b>F-IF.2.4</b> , <b>F-IF.2.5</b> , <b>F-IF.2.6</b> , <b>F-IF.3.7 (a)</b> , <b>F-IF.3.9</b> **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	<b>A-REI.2.4</b> , <b>A-REI.3.7</b> , <b>N-CN.1.1</b> , <b>N-CN.1.2</b> , <b>N-CN.3.7</b> , <b>G-GPE.1.2</b> , <b>A-SSE.1.1 (quadratic)</b> , <b>A-SSE.2.3 (a,b)</b> , <b>F-IF.3.8 (a)</b> , <b>F-BF.1.1</b> <b>A-CED.1.1</b> , <b>A-CED.1.2</b> , <b>A-CED.1.3</b> , <b>A-CED.1.4</b> , <b>A-REI.1.1</b> , <b>A-REI.4.11</b> , <b>N-Q.1.2</b> , <b>F-BF.2.3</b> , <b>F-BF.2.4</b> , <b>F-IF.2.4</b> , <b>F-IF.2.5</b> , <b>F-IF.2.6</b> , <b>F-IF.3.7 (a)</b> , <b>F-IF.3.9</b>	5 weeks
Unit 4 Polynomial Expressions and Functions	<b>A-SSE.1.2</b> , <b>A-APR.1.1</b> , <b>A-APR.2.2</b> , <b>A-APR.2.3</b> , <b>A-APR.3.4</b> , <b>A-APR.4.6</b> , <b>F-BF.2.3</b> , <b>F-IF.3.7 (c)</b>	4 weeks
Unit 5 Rational Equations and Functions	<b>A-REI.1.2 (rational)</b> , <b>A-CED.1.1</b> , <b>A-CED.1.2</b> , <b>A-CED.1.3</b> , <b>A-CED.1.4</b> , <b>A-REI.1.1</b> , <b>N-Q.1.2</b> , <b>F-BF.1.1</b> , <b>F-BF.2.3</b> , <b>F-BF.2.4</b> , <b>F-IF.2.4</b> , <b>F-IF.2.5</b> , <b>F-IF.2.6</b> , <b>F-IF.3.7 (d)</b> , <b>F-IF.3.9</b>	3 weeks
Unit 6 Radical Equations and Functions	<b>A-REI.1.2 (radical)</b> , <b>N-RN.1.1</b> , <b>N-RN.1.2</b> , <b>A-CED.1.3</b> , <b>A-CED.1.4</b> , <b>A-REI.1.1</b> , <b>N-Q.1.2</b> , <b>F-BF.1.1</b> , <b>F-BF.2.3</b> , <b>F-BF.2.4</b> , <b>F-IF.2.4</b> , <b>F-IF.2.5</b> , <b>F-IF.2.6</b> , <b>F-IF.3.7 (b)</b> , <b>F-IF.3.9</b>	3 weeks
Unit 7 Exponential and Logarithmic Equations and Functions	<b>F-BF.2.a</b> , <b>F-LE.1.4</b> , <b>F-LE.2.5</b> , <b>A-SSE.1.1 (exponential)</b> , <b>A-SSE.2.3 (c)</b> , <b>F-IF.3.8 (b)</b> , <b>A-CED.1.1</b> , <b>A-CED.1.2</b> , <b>A-CED.1.3</b> , <b>A-CED.1.4</b> , <b>A-REI.1.1</b> , <b>A-REI.4.11</b> , <b>N-Q.1.2</b> , <b>F-BF.1.1</b> , <b>F-BF.2.3</b> , <b>F-BF.2.4</b> , <b>F-IF.2.4</b> , <b>F-IF.2.5</b> , <b>F-IF.2.6</b> , <b>F-IF.3.7 (e)</b> , <b>F-IF.3.9</b>	4 weeks
Unit 8 Sequences, Series and Piecewise Functions	<b>A-SSE.2.4</b> , <b>F-BF.1.2</b> , <b>F-BF.1.1</b> , <b>F-IF.3.7 (b)</b>	3 weeks
Unit 9 Probability	<b>S-CP.1.1</b> , <b>S-CP.1.2</b> , <b>S-CP.1.3</b> , <b>S-CP.1.4</b> , <b>S-CP.1.5</b> , <b>S-CP.2.6</b> , <b>S-CP.2.7</b>	3 weeks
Unit 10 Statistics & Data Analysis	<b>S-IC.1.1</b> , <b>S-IC.1.2</b> , <b>S-IC.2.3</b> , <b>S-IC.2.4</b> , <b>S-IC.2.5</b> , <b>S-IC.2.6</b> , <b>S-ID.1.4</b>	3 weeks
Unit 11 Trigonometric Functions	<b>F-TF.1.1</b> , <b>F-TF.1.2</b> , <b>F-TF.2.5</b> , <b>F-TF.3.8</b>	3 weeks
<b>End-of-Term Assessment window – May 24<sup>th</sup> - May 28<sup>th</sup></b>		