

2021-2022 G8 Math Year-At-A-Glance

Unit Title	Student Expectations
1st Nine Weeks: August 23 – October 15	
Unit 1: Number and Operations	8.2D, 8.12D, 8.2A, 8.2C, 8.2B, 8.12A, 8.12B, 8.12C
Unit 2: Solving Algebraic Equations	8.8C, 8.8A, 8.8B
Unit 3: Proportional Relationships and Slope	8.4B, 8.4C, 8.5A, 8.5E, 8.4A
2nd Nine Weeks: October 18 – December 17 Assessment - Interim Testing Window: November 16 - 20, MOY MAP: December 13 - January 14	
Unit 3: Proportional Relationships and Slope, continued	8.4B, 8.4C, 8.5A, 8.5E, 8.4A
Unit 4: Non-proportional Relationships $y = mx + b$	8.5G, 8.5I, 8.5F, 8.5B, 8.5H, 8.9A
Unit 5: Pythagorean Theorem and Angle Relationships	8.7C, 8.6C, 8.7D, 8.8D
3rd Nine Weeks: January 4 – March 11 Assessment - MOY MAP (continued): December 13 - January 14	
Unit 6: Similarity and Transformations	8.3C, 8.10C, 8.3B, 8.10A, 8.10B, 8.3A, 8.8D, 8.10D
Unit 7: Measurement	8.7A, 8.7B, 8.6A, 8.6B
Unit 8: Data Analysis	8.5D, 8.5C, 8.11A, 8.11B, 8.11C, 8.12E, 8.12F, 8.12C, 8.12G, 8.12B
4th Nine Weeks: March 21 – May 26 Assessment - Interim Testing Window: April 4-14, EOY MAP: May 3 - 26 Grade 8 Mathematics STAAR – Tuesday, May 10, 2022	
Unit 8: Data Analysis, continued	8.5D, 8.5C, 8.11A, 8.11B, 8.11C, 8.12E, 8.12F, 8.12C, 8.12G, 8.12B
Unit 9: STAAR BLITZ	Lead4ward Rockin' Review
Unit 10: Review Essential Standards	All essential standards

Process standards should be embedded into instruction on a daily basis (8.1A, 8.1B, 8.1C, 8.1D, 8.1E, 8.1F, and 8.1G)

[Click here to access state standards for Grade 8 Mathematics.](#)

Any additional notes:

2021-2022 G8 Algebra Advanced Year-At-A-Glance

Unit Title	Student Expectations
1st Nine Weeks: August 23 – October 15	
Unit 1: Solve Equations and Inequalities	A.5A, A.5B
Unit 2: Domain and Range	A.2A, A.12E, A.12A, A.12B
Unit 3: Graphing Linear Functions	A.3B, A.3C, A.3D, A.2D, A.3A, A.3E
2nd Nine Weeks: October 18 – December 17 Assessment - Interim Testing Window: November 16 - 20, MOY MAP: December 13 - January 14	
Unit 4: Writing Linear Functions	A.2C, A.2B, A.2H, A.2G, A.2E, A.2F, A.2D
Unit 5: Graphing Systems	A.5C, A.2I, A.3F, A.3G, A.3H
3rd Nine Weeks: January 4 – March 11 MOY MAP (continued): December 13 - January 14	
Unit 6: Scatterplots and Regression	A.4A, A.4B, A.4C
Unit 7: Properties of Exponents and Polynomials	A.11B, A.10A, A.10B, A.10C, A.10D
Unit 8: Exponentials	A.9D, A.9C, A.9A, A.9B, A.9E
Unit 9: Factoring and Solving Quadratics	A.10E, A.8A, A.10F, A.7B, A.11A
4th Nine Weeks: March 21 – May 26 Assessment - Interim Testing Window: April 4-14, EOY MAP: May 3 - 26 Algebra STAAR EOC – Tuesday, May 3, 2022	
Unit 10: Graphing and Writing Quadratics	A.6A, A.7A, A.7C, A.6B, A.6C, A.8B
Unit 11: Arithmetic and Geometric Sequences	A.12C, A.12D
Unit 12: STAAR BLITZ	Lead4ward Rockin' Review
Unit 13: Bridge to Geometry	8.7A, 8.7B, 7.6C, 7.6D, 7.6E

Process standards should be embedded into instruction on a daily basis (A.1A, A.1B, A.1C, A.1D, A.1E, A.1F, and A.1G)

[Click here to access state standards for Algebra 1](#)

Any additional notes: