



Year at a Glance

Algebraic Reasoning – HS Mathematics

First Semester	Second Semester
1st Nine Weeks Unit 01: Patterns within Functions (6 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.2A, AR.2B Unit 02: Linear Functions (18 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.2C, AR.2D, AR.3A, AR.6A, AR.6B, AR.7A, AR.7B, AR.7C, AR.7D, AR.7E Unit 03: Operations on Linear Functions (5 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.4A, AR.4B Unit 04: Quadratic Functions (20 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.2C, AR.2D, AR.3A, AR.6A, AR.6B, AR.7A, AR.7B, AR.7C, AR.7D	3rd Nine Weeks Unit 07: Operations on Polynomial Functions (15 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.4A, AR.4B, AR.4C, AR.4D Unit 08: Introduction to Inverses (10 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3B, AR.3C, AR.7A Unit 09: Square Root, Cube Root, and Logarithmic Functions (12 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3A, AR.6A, AR.6C, AR.7A, AR.7B
2nd Nine Weeks Unit 04: Quadratic Functions (continued) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.2C, AR.2D, AR.3A, AR.6A, AR.6B, AR.7A, AR.7B, AR.7C, AR.7D Unit 05: Exponential Functions (12 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.2C, AR.2D, AR.3A, AR.6A, AR.6C, AR.7A, AR.7B, AR.7D Unit 06: Cubic Functions (12 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.2C, AR.2D, AR.3A, AR.6A, AR.6C, AR.7A, AR.7B	4th Nine Weeks Unit 10: Absolute Value and Rational Functions (13 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3A, AR.3B, AR.3C, AR.6A, AR.6B, AR.7A, AR.7B Unit 11: Combining and Separating Functions (12 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3D, AR.3E, AR.3F Unit 12 Matrices (12 days for the entire unit) AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.5A, AR.5B, AR.5C, AR.5D, AR.5E