



Algebra I

Year-at-a-Glance

Mathematical Process Standards: The student uses mathematical processes to acquire and demonstrate mathematical understanding [A.1A](#), [A.1B](#), [A.1C](#), [A.1D](#), [A.1E](#), [A.1E](#), [A.1G](#)

First Semester		Second Semester	
1st Nine Weeks August 13 th -October 9 th	(41 instructional days)	3rd Nine Weeks January 6 th -March 12 th	(46 instructional days)
<u>Unit 1: Numeric and Algebraic Expressions, Equations, and Inequalities (one variable) (16 days for the entire unit)</u> A.2D , A.5A , A.5B , A.10A , A.10D , A.12E <u>Unit 2: Introduction to Functions (10 days for the entire unit)</u> A.2A , A.6A , A.9A , A.12A , A.12B <u>Unit 3: Investigation of Linear Functions in Two Variables (11 days this nine weeks, 16 days for the entire unit)</u> A.2A , A.2C , A.3A , A.3B , A.3C , A.3E		<u>Unit 7: Properties of Exponents and Simplifying Radicals (10 days for the entire unit)</u> A.11A , A.11B <u>Unit 8: Polynomial Operations (14 days for the entire unit)</u> A.10A , A.10B , A.10C , A.10D , A.10E , A.10F <u>Unit 9: Investigation and Application of Quadratic Functions (16 days for the entire unit)</u> A.6A , A.6B , A.6C , A.7A , A.7B , A.7C ,	
2nd Nine Weeks October 20 th -December 19 th	(40 instructional days)	4th Nine Weeks March 23 rd -May 22 nd	(42 instructional days)
<u>Unit 3: Investigation of Linear Functions in Two Variables (5 days this nine weeks, 16 days for the entire unit)</u> A.2A , A.2C , A.3A , A.3B , A.3C , A.3E <u>Unit 4: Writing Linear Equations (12 days for the entire unit)</u> A.2B , A.2C , A.2E , A.2E , A.2G , A.12C , A.12D , A.12E <u>Unit 5: Linear Inequalities and Systems (14 days for the entire unit)</u> A.2H , A.2I , A.3D , A.3F , A.3G , A.3H , A.5C <u>Unit 6: Investigation and Application of Exponential Functions (8 days for the entire unit)</u> A.9A , A.9B , A.9C , A.9D , A.12C , A.12D *9 Flex days this semester (extra A day for HS)		<u>Unit 10: Solving Quadratic Functions (12 days for the entire unit)</u> A.8A , A.8B <u>Unit 11: Making Connections (10 days for the entire unit)</u> A.2A , A.2C , A.2E , A.2F , A.2G , A.2H , A.2I , A.3B , A.3C , A.3D , A.3H , A.4C , A.5A , A.5B , A.5C , A.6A , A.6B , A.6C , A.7A , A.7C , A.8A , A.8B , A.9C , A.9D , A.9E , A.10E , A.10F , A.11B , A.4A , A.4B , A.4C <u>Unit 12: Cost Comparison Analysis (10 days for the entire unit)</u> , A.2A , A.2C , A.2H , A.2I , A.3B , A.3C , A.3H , A.4C , A.5A , A.5C *9 Flex days this semester (extra A day for HS)	