

# Algebra I

## Unit 1: Algebraic Foundations

**Targets:**

- 1.1: Use order of operations to simplify numeric expressions.
- 1.2: Simplify radicals, including perfect square functions and rationalizing the denominator.
- 1.3: Apply properties of exponents involving products and quotients.
- 1.4: Translate verbal models to algebraic expressions, equations, and inequalities.

Day	Date	Lesson	Topic	Mastered
1		Target 1.1a	Use order of operations to simplify numeric expressions (by hand)	
2		Target 1.1b	Apply the order of operations (using a calculator)	
3		Target 1.2a	Simplify radicals using the product property of radicals	
4		Target 1.2b	Simplify radicals using the quotient property of radicals	
5		Target 1.2b	Simplify radicals using the quotient property of radicals	
6		<b>Quiz 1 Targets 1.1 &amp; 1.2</b>		
7		Target 1.3a	Multiplication Properties of Exponents	
8		Target 1.3b	Division Properties of Exponents	
9		Target 1.3c	Rewrite radicals in rational exponential form	
10		Target 1.4a	Write expressions	
11		Target 1.4b	Write equations and inequalities	
12		<b>Quiz 2 Targets 1.3 &amp; 1.4</b>		
13		Test Review Targets 2.1-2.3		
14		<b>Test Targets 2.1 – 2.3</b>		

The schedule above shows the assignments, tests and quizzes that will **most likely** be assigned for Algebra I; however, this is subject to change at the teacher's discretion. Students who have been absent need to verify that they have all of the required work.