

STAAR Algebra I Essence Statements

STAAR Reporting Category 1	STAAR Reporting Category 2	STAAR Reporting Category 3	STAAR Reporting Category 4	STAAR Reporting Category 5
Number and Algebraic Methods: The student will demonstrate an understanding of how to use algebraic methods to manipulate numbers, expressions and equations.	Describing and Graphing Linear Functions, Equations, and Inequalities: The student will demonstrate an understanding of how to describe and graph linear functions, equations, and inequalities.	Writing and Solving Linear Functions, Equations, and Inequalities: The student will demonstrate an understanding of how to write and solve linear functions, equations, and inequalities.	Quadratic Functions and Equations: The student will demonstrate an understanding of how to describe, write, and solve quadratic functions and equations.	Exponential Functions and Equations: The student will demonstrate an understanding of how to describe and write exponential functions and equations.

Statement

(A.10) Number and algebraic methods. The student applies the mathematical process standards and algebraic

methods. The student applies the mathematical process standards and algebraic methods to write, solve, analyze, and evaluate equations, relations, and functions (Supporting Standard)
Essence Statement
Identifies or solves functions, sequences, or formulas

Uses linear equations to model or solve realworld problems.

Essence Statement