



# Algebra I

*Pacing Guide*

**Teacher:** Mr. Shumate

## **Unit 1 (Aug. - Sept.)**

Introduction to Functions.

Relations and Functions. (Types, Evaluating, and Transforming)

Domain and Range

## **Unit 2 (Sept. - Oct.)**

Linear Functions.

Average Rate of Change.

## **Unit 3 (Oct. - Nov.)**

Systems of Equations.

Linear Inequalities

Systems of Inequalities.

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## Unit 4 (Nov. - Dec.)

Exponential Functions.

## Unit 5 (Jan.)

Operations with Polynomials.

Factoring Polynomials.

## Unit 6 (Jan. - Feb. - March)

Quadratic Functions.

## Unit 7 (April - May)

Data Analysis.

Statistics.

Unit Conversions.

Correlation and Causation.

Literal Equations.

Absolute Value and Piecewise Functions.

