Bridge to Algebra 2
Unit 1: Expectations, Essential Questions, Enduring Understandings, and Vocabulary

Expectations

1.1   The student will model, analyze, and apply linear functions.

1.5   The student will analyze functional relationships using the language of mathematics.

Essential Questions

Why are equations useful?

How are functions useful?

Enduring Understandings

Linear equations are used to solve real-world problems.

Functions and their representations are used to model and analyze real-world relationships.

Indicators

1.1.B.1   solve real-world problems using linear equations and linear inequalities.

1.5.B.1   describe functions using domain and range, independent and dependent variables, increasing, decreasing, constant, minimum, and maximum.

1.5.B.2   determine whether a relation that is expressed numerically or graphically is a function.

1.5.B.3   represent functions numerically, algebraically, and graphically.

Vocabulary
constant
decreasing
dependent variable
function
increasing
independent variable
mathematical model
unit analysis