Inspiring Greatness

INDEPENDENCE SCHOOL DISTRICT

Math Virtual Learning

Algebra 1 S2

May 15th, 2020

Algebra 1 S2
Lesson: May 15th, 2020

Learning Target:
Students will use technology to find a line of best fit (known as linear regression).
Students will interpret the y-intercept and slope of a linear regression equation in context.

Warm-up

Practice identifying trends in scatterplots

Practice graphing a line given in slope-intercept form

Today's Lesson

In today's lesson we will analyze bivariate data (data with two variables) and learn the difference between correlation and causation.

Here is the Lesson Notes for today. Watch the video and follow along with the notes.

Independent Practice

Complete the Independent Practice for today's lesson and then check your work with the Key.

Linear Regression Calculator

Or

Regression Calculator

Tip: turn off all regression types except for linear

Additional Practice:

Click on the links below to get additional practice and to check your understanding!

Practice interpreting slope and y-intercept in linear models

Practice finding the equation of a regression line

Linear Regression Calculator or Regression Calculator

Practice interpreting regression lines