

Desmos Activities for Regression

Directions: Go to teacher.desmos.com! Create an account if you haven't already. Then click "Create Class Code." The student will go to student.desmos.com and enter in their name to join. Enjoy!



Polygraph: Scatter Plots

by Megan Schmidt Edited by you | 30-45 minutes | Introduction

Edited with love by Lauren Hawkins and Desmos

☒ Mobile ☒ Tablet ☒ Laptop

This Custom Polygraph is designed to spark vocabulary-rich conversations about scatter plots. Key vocabulary that may appear in student questions includes: strong association, weak association, no association, positive association, negative association, linear, non-linear, increasing, and decreasing.

In the early rounds of the game, students may notice graph features like strong and weak associations, even though they may not use those words to describe them. That's where you can step in. After most students have played 2-3 games, consider taking a short break to discuss strategy, highlight effective questions, and encourage students in their use of increasingly precise academic language. Then ask them to play several more games, putting that precise language to work.

Classes

Create Class Code

CLASS CODE	STUDENTS	DATE	
DPS32	1	Mar 26, 2017 at 12:52 pm	View Dashboard
OML44N	2	Mar 25, 2017	View Dashboard

"I Heart Statistics"

<https://teacher.desmos.com/activitybuilder/custom/57e953a1796c463e09dc944e>

"Stop Fidgeting!"

<https://teacher.desmos.com/activitybuilder/custom/58d528088a16a90612814417>

"Polygraph: Describing Scatterplots"

<https://teacher.desmos.com/polygraph/custom/58d5288e2f17ab061639cc46>

"Decaying Skittles: Non-Linear Data"

<https://teacher.desmos.com/activitybuilder/custom/59ad6c1963c6c3546e27be89>

"Scatterplot Capture" - Desmos Creation

<https://teacher.desmos.com/activitybuilder/custom/58cc26d4c722f106146a8310>