

UNIT 2 - LESSON PLANS

Class Algebra 1

Topic U5– Scatter Plots and Trend Lines

Lesson 7 **Of** 8

Students will:

Objective

- Be able to understand the concept of scatter plots and correlation between data sets.
- Be able to draw trend lines given the scatter plot.

“I Can” Statement

I can make a scatter plot given two data sets and also make a trend line best fitting on the graph.

Common Core Standards

[CCSS.MATH.CONTENT.8.SP.A.1](#)

Construct and interpret scatter plots for bivariate measurement data to investigate patterns of association between two quantities. Describe patterns such as clustering, outliers, positive or negative association, linear association, and nonlinear association.

[CCSS.MATH.CONTENT.HSS.ID.B.5](#)

Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

Bell Work

See 5-7 Bell Work

Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.
4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

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Assessment

Bell Work 5-7

Assignment 5-7

Exit Quiz 5-7

Additional Resources

See Online Activities