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Pathfinder Algebra 8th **Regal Coller** **Week of 1-23-17 (Q2, W9)**

Date:	Classwork:	Homework:
Monday/Tuesday 1-23/1-24 **Block**	**Focus Questions: (Learning Targets)** → From a scatter plot, how do you know if a linear model is a good fit? → What does a correlation coefficient of 1, 0, or -1 suggest to you about the relationship between two variables? ❑ **Check and correct TWMM ACE4 #4-5** **<u>TWMM Investigation 4</u>** **Formative Assessment Tasks** ❑ Vocabulary: correlation coefficient foldable ❑ TWMM 4.3 A-E, Pages 87-89, with Labsheets ❑ **Complete Problem 4.2 Reflection if you have not yet done so (link in GClassroom)**	**Required assignments:** ❑ **Complete any work not completed in class.** ❑ Pages 100-101, #6-9,#20 ❑ Optional extensions Pages 107 & 110 #23, 25 **Assignments due on Wednesday.**
Wednesday 1-25 **See All Classes**	**Focus Question: (Learning Target)** → From a scatter plot, how do you know if a linear model is a good fit? → How do you determine the equation for your model using your line of best fit? ❑ Check & correct TWMM ACE #6-9 & 20 #23,25 optional) **<u>TWMM Investigation 4</u>:** **Formative Assessment Task** ❑ Additional Practice WS Packet--Investigation 2 (Review) and Investigation 4	**Required assignment:** ❑ Complete any work not completed in class. ❑ Complete ALL missing assignments. **Due Friday.** **You will have work time on Thursday.**
Thursday 1-26 Half-day See all classes	**Focus Questions: (Learning Targets)** → From a scatter plot, how do you know if a linear model is a good fit? → How do you determine the equation for your model using your line of best fit? **<u>TWMM Investigation 4</u>:** **Formative Assessment Task** ❑ Continue working on Additional Practice WS Packet--Investigation 2 (Review) and Investigation 4	❑ **YOU MUST BRING YOUR CHARGED CHROMEBOOK ON FRIDAY.** ❑ **Additional Practice packet is due on FRIDAY.**
Friday 1-27 Half-day See all classes **Guest teacher**	**Focus Question: (Learning Target)** → How can you use evidence about your learning from first semester to set appropriate goals for 3rd Quarter? **<u>Reflection on Learning, Growth and Goals</u>** ❑ Reflection Q2/Semester 1 & Goals Q3 Complete reflection using the link in G-Classroom for your class ❑ Use the practice links in classroom for Inv.4	

Math Standards:

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.

8.F.B.4 Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or two from two values. Interpret the rate of change and initial value of a linear function in terms of the situation it models.

Math Practices:

- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Attend to precision.

Success Criteria:.

- Students can determine if new data pieces would "fit" with the other data.
- Students can identify a positive, negative, or no correlation given a set of data.
- Students can identify and explain a correlation coefficient of -1, 0, or 1.

Additional Web Resources:

- Interpreting the slope and y-intercept for a line of best fit (practice) https://www.khanacademy.org/math/probability/scatterplots-a1/estimating-trend-lines/e/interpreting-slope-and-y-intercept-of-lines-of-best-fit
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Online Textbook Link: http://mymathuniverse.com/cmp3

Click "Log in to Student Place"

Enter Username: lasfir21 & Password: D2001_ _ _ _

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TWMM Investigation 5
Two-way Tables and Relative Frequencies
http://stattrek.com/statistics/two-way-table.aspx?Tutorial=AP