Mrs. RC's Website: http://www.pinckneymich.com/
Email: dregal@pinckneypirates.org

Pathfinder Algebra 8th **Regal Coller** **Week of 10-24-16**

Date:	Classwork:	Homework:
Monday **10-24** **See All Classes** MathXLforSchool.com Sign in Username: lasfir2021 Password: XL2001_ _ _ _	**Focus Questions: (Learning Target)** What strategies do you use in writing equations for linear functions? **Performance Task:** **TWMM Problems 2.1 & 2.2** ❑ Continue working on the Math XL assignment. This is due on Wednesday/Thursday. Remember to SHOW WORK and EXPLAIN YOUR THINKING as appropriate for all problems. ❑ **If you did not save your work from your last online session, don't panic!** Simply **look at your answer sheet and quickly enter the answers you figured out for all of the problems you already completed. Continue to work on new questions** after that and make sure you save before you quit this time. ❑ **If you can't successfully log in to MathXLforSchool, a printed copy of the assignment is available.** **Reflection Questions:** **Completed as part of the MathXL assignment today.**	**Homework due next class.** **Required:** Make sure you have definitions and examples for the following vocabulary terms in your spiral notebook. Update your table of contents. ● Slope ● Y-intercept ● X-intercept ● Function ● Residual Homework you should have ready to correct from last week: Page 45 #1-3 & Page 52 #35-36
Tuesday **10-25**	**8th Grade Field Trip to Meadowbrook** **Students not going on the field trip please go to Mrs. Sharon's room with all of your math materials.**	
Wednesday/Thursday **10-26/10-27** **Block Class**	**Focus Question: (Learning Target)** What strategies do you find useful to find solutions for linear equations? ❑ Turn in Math XL assignment ❑ Correct Page 45 #1-3 & Page 52 #35-36 **Performance Tasks:** **TWMM Problems 2.3 & 2.4** ❑ Pages 38-39, Problem 2.3 A-E ❑ Pages 40-42, Problem 2.4 A-E **Reflection Questions:** Exit Ticket--GoogleForms (see your email for link)	**Homework due Friday.** **Required assignment:** Page 46 #4-5 Pages 48-50 #9-25 Page 53 #37-38 TWMM Investigattion 1 Test Corrections--See directions on back of score report. **TWMM Investigation 1 & 2 Summative Assessment on November 2/3**
Friday **10-28** **See All Classes**	**Focus Question: (Learning Target)** How do you write an equation for a linear function if you are given a graph, a table, or two-points? **Performance Task:** ❑ Correct homework ❑ Additional Practice Investigation 2 worksheet	**Homework due next class.** **Required:** Complete the Additional Practice worksheet if not finished in class.

TURN OVER

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Additional Web Resources:

- http://www.regentsprep.org/regents/math/algebra/ad4/scatter.htm
- https://www.mathsisfun.com/algebra/linear-equations.html

Online Textbook Link: http://mymathuniverse.com/cmp3
Click "Log in to Student Place"
Enter Username: lasfir21
Password: D2001_ _ _ _

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.SP.A.2 Know that straight lines are widely used to model relationships between two quantitative variables. For scatter plots that suggest a linear association, informally fit a straight line, and informally assess the model fit by judging the closeness of the data points to the line.
8.SP.A.3 Use the equation of a linear model to solve problems in the context of bivariate measurement data, interpreting the slope and intercept.
8.F.A.3 Interpret the equation y = mx + b as defining a linear function, whose graph is a straight line; give examples of functions that are not linear.
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 from two (x, y) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation it models, and in terms of its graph or a table of values.
8.EE.C.7 Solve linear equations in one variable.

Math Practices:
Look for and make use of structure.
Model with mathematics.
Attend to precision.

Success Criteria:

- Students can write a linear equation given a graph.
- Students can write a linear equation given table
- Students can write a linear equation given two points.

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