

AGI

Regal Coller

Week of 10-17-16

Date:	Classwork:	Homework:
<p>Tuesday 10-18</p> <p>Block Class</p>	<p>Focus Questions: (Learning Target) What strategies do you use in writing equations for linear functions?</p> <p>Performance Tasks:</p> <ul style="list-style-type: none"> <input type="checkbox"/> TWMM Investigation 1 Retest (Summative) <input type="checkbox"/> CER Investigation 1 #34 Gallery Walk <input type="checkbox"/> TWMM Problem 2.3 p.38-40 A-E (Formative) <p>Reflection Questions:</p> <ol style="list-style-type: none"> 1. What is the equation of the line through the points (-3, 5) and (5, 25)? Show calculations or explain how you determined the equation. 2. How can you find the y-intercept from a table of values? 	<p>Homework due Thursday.</p> <p>Required: Complete the reflection questions in your notebook.</p>
<p>Thursday 10-20</p> <p>Block Class</p>	<p>Focus Question: (Learning Target) What strategies do you find useful to find solutions for linear equations?</p> <p>Performance Tasks:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Discuss reflection questions from Tuesday. <input type="checkbox"/> Discuss Problem 2.3 <input type="checkbox"/> TWMM Problem 2.4 p.40-42 A-E <p>Reflection Questions:</p> <ol style="list-style-type: none"> 1. How can you find the exact value of x if you are given y or vice versa? You would also have a line graph and know the equation of the line. 2. How can you estimate the value of x if you are given y or vice versa? You would also have a line graph and know the equation of the line. 	<p>Homework due Monday.</p> <p>Required assignment: Page 46 #4-5 Pages 48-50 #9-25 Page 53 #37-38 Page 56-57 #58-68</p>
<p>Friday 10-21</p> <p>See All Classes</p>	<p>Focus Question: (Learning Target) What strategies do you find useful to find solutions for linear equations?</p> <p>Performance Task:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Continue working on the assignment given yesterday. This assignment is due on MONDAY. <input type="checkbox"/> Additional Practice packet for Investigations 1 & 2 	<p>Required assignment: Complete any work not finished in class.</p> <p>Monday, October 24, you will have both Math and Science.</p>

Mrs. RC's Website: <http://www.pinckneymich.com/>

Email: dregal@pinckneypirates.org

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. Interpret the rate of change and initial value of a linear function in terms of the situation it models.

8.EE.C.7 Solve linear equations in one variable.

Math Practices:

Use appropriate tools strategically

Attend to precision

Model with mathematics

Success Criteria:

- Students can describe how to write an equation when given a data table.
- Students can write an equation when given two points on the line.
- Students can substitute x or y values into the equation to calculate the missing value.

Web Resources:

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

TURN OVER