

Strategic Math 8th

Regal Coller

Week of 01-23-17 (Q2, W9)

Day & Date	Learning Tasks & Assessments	What you need to remember
<p>Monday 1-23</p> <p>1st hour 9yf9reb</p>	<p>(Learning target) Focus for today: How can you fit a linear model to data and judge how well the model fits?</p> <p><u>TWMM Investigation 4</u> <i>Crow and the Pitcher</i>, Part II--</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fit a linear model to data (angel hair pasta) <input type="checkbox"/> Find a model equation for your line <input type="checkbox"/> Complete your residual table (actual - predicted using your model equation) <input type="checkbox"/> Construct your residual plot <input type="checkbox"/> Estimate your correlation coefficient and explain your reasoning <input type="checkbox"/> Algebra 8th work time <p>G-Classroom assignment resource:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Data & Graphs 	<p>Bring</p> <ul style="list-style-type: none"> ● a regular pencil ● math binder ● textbook ● charged Chromebook ● list of missing math work ● questions for help <p>to this class every day.</p>
<p>Tuesday 1-24</p>	<p>(Learning target) Focus for today: How can you fit a linear model to data and judge how well the model fits?</p> <p><u>TWMM Investigation 4</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Partners-Slope from graph & two plotted points <input type="checkbox"/> Crow and Pitcher poster construction <input type="checkbox"/> Algebra 8th work time 	<p>Bring</p> <ul style="list-style-type: none"> ● a regular pencil ● math binder ● textbook ● charged Chromebook ● list of missing math work ● questions for help <p>to this class every day.</p>
<p>Wednesday 1-25</p>	<p>(Learning target) Focus for today: How can you fit a linear model to data and judge how well the model fits?</p> <p><u>TWMM Investigation 4</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Vocabulary flashcards to review (GC) <input type="checkbox"/> Vocab-list of terms on back of agenda <input type="checkbox"/> Gather evidence in preparation for your end of Quarter 2, Semester 1 Strat Math reflection <input type="checkbox"/> Algebra 8th work time 	<p>Bring</p> <ul style="list-style-type: none"> ● a regular pencil ● math binder ● textbook ● charged Chromebook ● list of missing math work ● questions for help ● <p>to this class every day.</p>

<p>Thursday 1-26</p> <p>Half-day</p>	<p>(Learning target) Focus for today: How can you show your commitment to learning by completing your missing work?</p> <p><u>TWMM Investigation 4+</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Algebra 8th work time--end the semester strong! <p>T/Th students</p> <ul style="list-style-type: none"> <input type="checkbox"/> Gather evidence in preparation for your end of Quarter 2, Semester 1 Strat Math reflection <p><i><u>Crow and the Pitcher</u></i>, Part II--</p> <ul style="list-style-type: none"> <input type="checkbox"/> Crow and Pitcher gallery walk <input type="checkbox"/> Crow reflection (link in G-Classroom) 	<p>Bring</p> <ul style="list-style-type: none"> ● a regular pencil ● math binder ● textbook ● charged Chromebook ● list of missing math work ● questions for help <p>to this class every day.</p>
<p>Friday 1-27</p> <p>Half-day</p> <p>Guest Teacher</p>	<p>(Learning target) Focus for today: How can you fit a linear model to data and judge how well the model fits?</p> <p><u>TWMM Investigations 1-4</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Reflection Q2/Semester 1 & Goals Q3 Complete reflection using the link in G-Classroom for your STRAT class. <input type="checkbox"/> Algebra 8th work time (little time today) 	<p>Bring</p> <ul style="list-style-type: none"> ● a regular pencil ● math binder ● textbook ● charged Chromebook ● list of missing math work ● questions for help <p>to this class every day.</p>

Vocabulary terms

TWMM Investigation 4

- Bivariate data (two variables)
- Scatter plot
- Line of best fit (slope, intercept)
- Residual
- Residual plot
- Correlation coefficient

Data About Us

- Data
- Statistical question
- Frequency table
- Line plot or dot plot
- Box-and-whisker plot
- Data distribution (symmetrical, skewed, uniform)
- Central tendency
- Mean
- Median
- Mode
- Variability (spread)
- Range
- Extremes (maximum, minimum)
- Quartile
- IQR (interquartile range)
- MAD (mean absolute deviation)
- Outlier

Music for Focus

https://www.youtube.com/watch?v=BYG0a7NOW_E