

Strategic Math 8th Regal Coller Week of 01-09-17 (Q2, W7)

Day & Date	Learning Tasks & Assessments	What you need to remember for next time
<p>Monday 1-9</p>	<p>(Learning target) Focus for today: How can you represent and/or interpret univariate or bivariate data ?</p> <p><u>Data About Us & TWMM Investigation 4</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Using line plots or dot plots to help with ordering data values and construction of summary frequency tables (visual to tabular) <input type="checkbox"/> Linear relationships and scatter plots: Review <input type="checkbox"/> Algebra 8th work time 	<p>Bring a pencil, your binder from your regular math class and charged Chromebook to this class every day.</p>
<p>Tuesday 1-10</p>	<p>(Learning target) Focus for today: Which vocabulary terms are used to describe data in one variable and what do they really mean?</p> <p><u>Data About Us & TWMM Investigation 4</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Check in: What is YOUR completion status for Data About Us? <input type="checkbox"/> Data About Us Vocabulary:Summative Assessment <input type="checkbox"/> Algebra 8th work time 	<p>Bring a pencil, your binder from your regular math class and charged Chromebook to this class every day.</p>
<p>Wednesday 1-11</p>	<p>(Learning target) Focus for today: How can you determine and increase your mastery of Data About Us and Problem 4.1 content?</p> <p><u>Data About Us & TWMM Investigation 4</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Algebra 8th work time <input type="checkbox"/> Use links on this agenda for additional review and practice <input type="checkbox"/> Scattered Grades task or alternatives 	<p>Bring a pencil, your binder from your regular math class and charged Chromebook to this class every day.</p>
<p>Thursday 1-12</p>	<p>(Learning target) Focus for today: How can you write quality responses with evidence and reasoning about your data project?</p> <p><u>Data About Us</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Vocabulary--see this agenda <input type="checkbox"/> Practice quality narrative responses to questions about your data and analysis <input type="checkbox"/> Feedback and revision of your responses <input type="checkbox"/> Last chance to work on Data About Us Summative Project 	<p>Bring a pencil, your binder from your regular math class and charged Chromebook to this class every day.</p>
<p>Friday 1-13</p> <p>Data About Us Summative Assessment Project is DUE TODAY!</p>	<p>(Learning target) Focus for today: How can you be prepared to succeed on the PSAT?</p> <p><u>PSAT 8-9</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Check-in <input type="checkbox"/> Suggestions: confidence and success for all students <input type="checkbox"/> Expectations for test day--reminders about what to bring and what NOT to bring 	<p>Bring a calculator for the PSAT on Tuesday, Jan. 17!!</p>

Additional Web Resources:

- Statistics--Finding Center and Spread <https://www.youtube.com/watch?v=9gcNxUcVJck>
- Quartiles Explanation & Practice <http://www.mathsisfun.com/data/quartiles.html>
- MAD Explanation & Practice <http://www.mathsisfun.com/data/mean-deviation.html>
- Shapes of Distributions (tutorial)
<https://www.khanacademy.org/math/probability/data-distributions-a1/displays-of-distributions/v/shapes-of-distributions>
- Shapes of Distributions Practice
<https://www.khanacademy.org/math/probability/data-distributions-a1/displays-of-distributions/e/shape-of-distributions>
- Statistical and Non-statistical Questions (tutorial)
<https://www.khanacademy.org/math/statistics-probability/displaying-describing-data/statistics-overview/v/statistical-questions>
- Statistical and Non-statistical Questions Practice
<https://www.khanacademy.org/math/statistics-probability/displaying-describing-data/statistics-overview/e/statistical-questions>

Vocabulary terms from 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