

Strategic Math 8th

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Week of 01-02 (Q2, W6)

Day & Date	Learning Tasks & Assessments	What you need to remember for next time
<p>Wednesday 1-4</p>	<p>(Learning target) Focus for today: How can you tell whether a question is a statistical question or not?</p> <p>Performance Tasks Data About Us</p> <ul style="list-style-type: none"> <input type="checkbox"/> Summary notes: anchor chart <input type="checkbox"/> Statistical and non-statistical questions-- <ul style="list-style-type: none"> <input type="checkbox"/> Definition <input type="checkbox"/> Buttons & Identifying Statistical Questions <input type="checkbox"/> Practice writing statistical questions 	<p>Bring a pencil, your binder from your regular math class and charged Chromebook to this class every day.</p>
<p>Thursday 1-5</p>	<p>(Learning target) Focus for today: How can you calculate measures of center and spread and use them to analyze data?</p> <p>Performance Tasks Data About Us</p> <ul style="list-style-type: none"> <input type="checkbox"/> Use additional web resource links on this agenda to review and practice <input type="checkbox"/> Time to work on Data About Us Summative Assessment Project & Data About Us assignments (Alg 8th) 	<p>Bring a pencil, your binder from your regular math class and charged Chromebook to this class every day.</p>
<p>Friday 1-6</p>	<p>(Learning target) Focus for today: What are the meanings of vocabulary terms used to describe data sets?</p> <p>Performance Tasks Data About Us</p> <ul style="list-style-type: none"> <input type="checkbox"/> Make sure ALL work from Data About Us is completed and corrected. <input type="checkbox"/> GF Summative Assessment: Data About Us vocabulary <input type="checkbox"/> Time to work on Data About Us Summative Assessment project 	<p>Bring a pencil, your binder from your regular math class and charged Chromebook to this class every day.</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/shapes-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>

Music for Focus

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

Math Standards:

6.SP.B.5C Summarize numerical data sets in relation to their context, such as by giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.

Math Practices:

- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.

Success Criteria:

- Students will generate statistical questions and differentiate them from non-statistical questions.
- Students will collect data from classmates. Then calculate the mean, median, mode, and range of a data set. Lastly students will describe their data with respect to its shape, center, and spread.