

Whiten/Parker/Fahnestock/White / Math 6 / March 5-9 ----- Week 3-9

Standard(s)	<p>MGSE6.SP.1. Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers. For example, “How old am I?” is not a statistical question, but “How old are the students in my school?” is a statistical question because one anticipates variability in students’ ages.</p> <p>MGSE6.SP.2. Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.</p> <p>MGSE6.SP.3 Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number. Summarize and describe distributions.</p> <p>MGSE6.SP.4. Display numerical data in plots on a number line, including dot plots, histograms, and box plots.</p> <p>MGSE6.SP.5 Summarize numerical data sets in relation to their context, such as by:</p> <ol style="list-style-type: none"> Reporting the number of observations. Describing the nature of the attribute under investigation, including how it was measured and its units of measurement. Giving quantitative measures of center (median and/or mean) and variability (interquartile range). Relating the choice of measures of center and variability to the shape of the data distribution and the context in which the data was gathered. 				
Essential questions Or “I Can...” statements	Monday	Tuesday	Wednesday	Thursday	Friday
	I can find the measures of central tendency and the measures of variation of a data set.	What is the difference in a measure of center and a measure of variation? What is the interquartile range?	What is a histogram? How is a histogram different from a bar graph?	How do I choose and create appropriate graphs to represent data?	How can I use data to compare different groups? What conclusions can be drawn from data?
Warm-up	#129	#130	#131	#132	#133
Opening	https://www.brainpop.com/math/dataanalysis/statistics/	Review homework	Review homework	Review homework	Review and collect homework
Work Session	Do now quiz (99-128) Statistics versatile activity sheet	Statistics quiz	-return graded quiz and discuss -histograms http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-117s.html -practice 7-3 question about bowling scores	Histograms Use holt pages and other examples attached.	-describe data http://my.hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentSrc=16096/16096.xml http://my.hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentSrc=16095/16095.xml Use holt pages and other examples attached. (324-326, 329-334)
Homework	Week 27 sheet				NONE
Closing	Quiz tomorrow! Show the sample quiz and email it to parents.		Discuss the importance of correct intervals	wb 328 US population questions	Recap what gap, cluster, skew, symmetrical, and other terms mean.
Assessment for understanding	Formative-versatile activity page is self-checking	Formative-grading the quiz for accuracy	Formative-calling on students, monitoring around the room	Formative-gather information through discussion with students	Formative-gather information through discussion with students