Standard(s)	
	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.
	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.
	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.
	MGSE6.SP.4. Display numerical data in plots on a number line, including dot plots, histograms, and box plots.
	MGSE6.SP.5 Summarize numerical data sets in relation to their context, such as by: a. Reporting the number of observations. b. Describing the nature of the attribute under investigation, including how it was measured and its units of measurement. c. Giving quantitative measures of center (median and/or mean) and variability (interquartile range). d. 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
	How can I recognize when a question is statistical or not? What is the best way to organize a set of data?	How can I describe the center of a set of data? How can I decide which measure of center (i.e., mean or median) best describes the data?	I can find the mean, median, mode, and range of a set of data.	What is the difference in a measure of center and a measure of variation? What is the interquartile range?	I can find the IQR of a data set.
Warm-up	#124	#125	#126	#127	#128
Opening	https://www.brainpop.com/math/dataanalysis/statistics/	Review homework	Review homework	Review homework	Review and collect homework
Work Session	-statistics: **collecting data** (through survey/statistical questions) and **organizing data** (through frequency tables, line plots, and stem and leaf plots) P 378 #4-9 (7th grade holt text)	-statistics: **analyzing data** -intro measures of central tendency (mean, median, mode) -outliers, which is best measure, describing, etc. -p 384 #9 -p 384 #13,14,20,21,23	-discuss "range" -doodle notes --state parks-wb 314, discuss Virginia changes mean and range	-measures of variation (range and interquartile range) -box-and-whisker plots wb 317-18 sample student height p 396 #5,6,7,8,18,19	-measures of variation ws
Homework	Week 26 sheet				NONE
Closing	Review statistical and non-statistical questions	http://www.teachertube.com/video/mean-median-and-mode-song-132329	Recap what is on doodle notes	Share and compare box-and-whisker plots	
Assessment for understanding	Formative-gather information through discussion with students	Formative-calling on students, monitoring around the room	Formative-calling on students, monitoring around the room	Formative-gather information through discussion with students	Formative-checking student work for accuracy

Unit 6 plan: https://www.georgiastandards.org/Georgia-Standards/Frameworks/6th-Math-Unit-6.pdf