Unit 6 Vocabulary

Vocabulary Term	Definition
Box-and-Whisker plot (or "box plot")	A graph that uses a number line to show how data is distributed. It shows the maximum and minimum values of the data, along with the upper and lower quartiles and the median.
Dot plot	A graph in which each value is shown as a dot above a number line
Frequency	The number of times a value appears in a set of data
Frequency Table	A table that lists the number of times (frequency) that a piece of data occurs. This table is often used as a method of recording data.
Histogram	A bar graph used to display numerical data grouped in equal intervals.
Interquartile range (IQR)	The range between the upper and lower quartiles on a box plot. This represents the middle 50% of the data.
Maximum value	The largest number in a set of data, and the endpoint of one whisker on a box plot.
Mean	The "average" of a set of data, found by adding all values in a set of data and dividing by the number of values you added.

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Box-and-Whisker plot (or "box plot")	
Dot plot	
Frequency	
Frequency Table	
Histogram	
Interquartile range (IQR)	
Maximum value	
Mean	

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Vocabulary Term	Definition
Measures of center	A number that describes the middle of the data.
Measures of spread (or variation)	A number that describes how spread out the data is. (how much the data varies)
Median	The middle number when a set of data is arranged in order.
Minimum value	The smallest number in a set of data, and the endpoint of one whisker on a box plot.
Mode	The number that occurs the most in a set of data.
Outlier	A value that is far away from most other values in a data set.
Range	The difference between the highest and lowest values in a set of data.
Stem-and-leaf plot	A graph that organizes numerical data by splitting each piece of data into a "stem" and a "leaf", which each represent place value.

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Measures of spread (or variation)	
Median	
Minimum value	
Mode	
Outlier	
Range	
Stem-and-leaf plot	