Unit 6			
Word	Definition	Picture	
Average	The sum of the items in a set of data divided by the number of items in the set; also called mean.	Data set: 4, 6, 7, 8, 10 Average: 4 + 6 + 7 + 8 +10 /5 = 35/5 = 7	
Box Plot	A graph that shows how data are distributed by using the median, quartiles, least value, and greatest value; also called a box-and whisker plot.	Lower Extreme Quartile Median Quartile Extreme Outper Quartile Extreme 50 55 60 65 70 75 80 85 90 95 100	
Categorical Data	Data that consists of non numeric information.	Barptot of Hair Cotor R Barptot of Hair Cotor	
Data	Facts and statistics collected together for reference or analysis.	Geodata Transport Culture Science Types of Data Weather Statistics	

Dot Plot	A visual display in which each piece of data is represented by a dot above a number line.	0 1 2 3 4 MathBits.com Numbers of Brothers and Sisters
Histogram	A bar graph that shows the frequency of data within equal intervals.	50 T
Interquartile Range	(IQR) The difference of the third (upper) and first (lower) quartiles in a data set, representing the middle half of the data.	Lower Upper Quartile Quartile (Q ₁) (Q ₃) Minimum Median Maximum 0 10 20 30 40 50 60 70
Lower Quartile	Is the median of the lower half of a set of data.	LV - LEAST VALUE GV - GREATEST VALUE UQ - UPPER QUARTILE MQ - MIDDLE QUARTILE

Measure of Center	A measure used to describe the middle of a data set. Also called measure of central tendency	Mean Median MEASURES OF CENTRAL TENDENCY Mode Range
Measure of Spread	A measure that describes how far apart the data are distributed.	0 10 20 30 40 50 60 70 80 90 100
Relative Frequency	The ratio of the number of times an event or data value occurs and the total number of events or data values.	RELATIVE FREQUENCY HISTOGRAM 355% 325% 325% 325% 325% 325% 325% 325
Statistical Question	A question that has many different, or variable, answers.	"Do you like listening to music?" What is of graders favorale type of music hours per week do be graders LEARN ZILLON

Survey

To gather information by individual samples so as to learn about the whole thing.

