Grade Level: 7 Course: Math 7 Strand: Data Analysis & Probability

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ELO #8: The student will use mean, median, mode and range to draw conclusions about data and make predictions. They will display data on circle graphs and histograms. Students will be able to calculate probability.

Standard(s) ELO is based upon: 7.4.1.1, 7.4.1.2, 7.4.2.1, & 7.4.3.2

Learning Targets
1. I can use data to determine the mean.
2. I can use data to determine the median.
3. I can use data to determine the mode.
4. I can use data to determine the range.
5. I can use data to draw conclusions and make predictions.
6. I can apply the impact of inserting or deleting a data point on the mean and median of a set of data.
7. I can display and interpret data on circle graphs.
8. I can display and interpret data on histograms and bar graphs.
9. I can display and interpret data on line plots.
10. I can display and interpret data on stem and leaf plots.
11. I can calculate probability as a fraction of a sample space or as a fraction of an area.