

# Hickman County Curriculum Map

Seventh Grade

Mathematics

## Fifth Six Weeks

Grade Level Expectations	Checks for Understanding	Student Performance Indicator(s)
GLE 0706.5.2 Select, create, and use appropriate graphical representations of data.	<p>0706.5.1 Create and interpret box-and-whisker plots and stem-and-leaf plots.</p> <p>0706.5.2 Interpret and solve problems using information presented in various visual forms.</p> <p>0706.5.6 Apply percentages to make and interpret histograms and circle graphs.</p>	<p>**NOTE: This lesson is continued from the fourth six weeks.</p> <p>SPI 0706.5.1 Interpret and employ various graphs and charts to represent data.</p> <p>SPI 0706.5.2 Select suitable graph types (such as bar graphs, histograms, line graphs, circle graphs, box-and-whisker plots, and stem-and-leaf plots) and use them to create accurate representations of given data.</p>
GLE 0706.5.4 Use descriptive statistics to summarize and compare data.	0706.5.1 Create and interpret box-and-whisker plots and stem-and-leaf plots.	SPI 0706.5.3 Calculate and interpret the mean, median, upper-quartile, lower-quartile, and interquartile range of a set of data.
GLE 0706.5.5 Understand and apply basic concepts of probability.	<p>0706.5.4 Use proportional reasoning to make predictions about results of experiments and simulations.</p> <p>0706.5.7 Use a tree diagram or organized list to determine all possible outcomes of a simple probability experiment.</p>	SPI 0706.5.4 Use theoretical probability to make predictions.

Unit Review and Assessment

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Review	Comprehensive Review for TCAP (1 week)	Review
TCAP	TCAP Testing (1 week)	TCAP
GLE 0706.1.1 Use mathematical language, symbols, and definitions while developing mathematical reasoning.	0706.1.1 Recognize common abbreviations (such as gcd/gcf and lcm).	Create activities to correlate with academic vocabulary.
GLE 0706.2.6 Introduce the concept of negative exponents.	0706.2.13 Use the meaning of negative exponents to represent small numbers; translate between scientific and standard notation.	