

Math Course 2 Grade 7

Month	Content and Essential Questions	Skills	Assessment	Resources
August	<p>What can graphs show us? How can graphs convey information? Are there relationships between data? How do we create and interpret different types of graphs? S. (3.1) (3.2) (5.3)</p> <p>How do we find mean, median, mode, and range? S. (3.2) (3.3) (3.4)</p>	<p>•Measure of central tendency (M)</p> <p>•Compare vertical and horizontal axis (R)</p> <p>•Choose appropriate scale for given problems (R)</p> <p>•Organize and display data using line, bar, and circle graphs, frequency tables, stem-and-leaf, histograms, scatter plots, and box-and-whisker plots. (R)</p> <p>•Read, interpret, and draw conclusion from various displays of data (R)</p> <p>•Calculate mean and mode of a data set. (MEAN - Make Exact Average Now) (Mode) - Most Often) (R)</p> <p>•Calculate median and range of a data set. (Median - middle of the highway) (Range - High minus low) (R)</p> <p>•Analyze misleading advertisements (R)</p>	<p>1. Written homework</p> <p>2. Use given data and collected data to create a variety of graphs.</p> <p>3. Quizzes and tests</p> <p>1. Record average high and low temperatures for a five day period for a city. Then find mean, median, mode, and range of the average high and average low temperatures. Create a line graph with the mean, median, mode, and range.</p> <p>2. Give students the answers and they must create the data set to make it true.</p> <p>3. Written homework</p> <p>4. Quizzes</p>	<p>Scott Foresman - Addison Wesley Middle School Math course 2</p> <p>Worksheets</p> <p>Manipulatives</p>
September	<p>How is order of operations used to find values of expressions? S. (6.2)</p> <p>How can we use formulas to finish a table of values? What are formulas used for? S. (2.1) (2.3)</p> <p>What are inverse operations?</p>	<p>•Apply the order of operations skills such as PEMDAS (Parenthesis, Exponents, Multiplication, Division, Addition, and Subtraction) (M)</p> <p>•Evaluate a formula and use it to finish a table. (I)</p> <p>•Find a formula when a table is given. (I)</p> <p>•Demonstrate knowledge of what an</p>	<p>1. Written exam</p> <p>2. Daily homework</p> <p>1. Written homework/quiz</p> <p>1. Homework</p> <p>2. Oral discussions with groups</p>	<p>Scott Foresman - Addison Wesley Middle School Math course 2</p> <p>Worksheets</p> <p>Manipulatives</p> <p>Collasal Cards</p>