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| |  | | --- | |  | | **Chapter 1: *STATS Starts Here (Pages 1-12)***  **Chapter 2: *Telling the Stories of Categorical Data (Pages 16 - 43)*** | |
| **INSTRUCTIONAL OBJECTIVES:**  Be able to define the words listed in the vocabulary below.  Know the three simple steps to doing *Statistics* correctly.  Make sure that your data is in context.  Describe the data in terms of the Five W’s.  Treat data in two basic ways, as categorical or quantitative.  Abide by the Area Principle.  Make/interpret a frequency table.  Mak/interpret a relative frequency table.  Make/interpret a bar chart.  Make/interpret a pie chart.  Make/interpret a contingency table.  Determine the marginal distribution of a contingency table.  Determine the conditional distributions of a contingency table.  Make a determine as to whether 2 variables are independent of each other.  Understand the distinction between *association* and *dependence*.  Conduct a simulation.  Use your TI-84 to enter data into a list.  ***Vocabulary*:** statistics, datum, data, descriptive statistics, inferential statistics, Five W’s, context, individual (case), sample, population, variable, categorical variable, quantitative variable, frequency table, relative frequency table, distribution, area principle, bar chart, pie chart, categorical data condition, contingency table, marginal distribution, conditional distribution, independence, association, simulation  **Technology:** Graphing Calculator (TI-84), Chromebook |

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| ***MONDAY (8.26.24*)**  **Continue** with the remaining Data Description Project Presentations. Turn in your printed project document if you have not already done so.  **Discuss** these previously assigned problems: Page 39, 40 (#18. 19, 22, 23).  **Answer questions** about pages 25 – 36, referring to your own notes.  **Class Work/Homework:** Pages 40, 41 (#24, 25). Round to the nearest tenth of a percent.  ***WEDNESDAY (8.28.24*)**  **Discuss** the previously assigned work: Pages 40, 41 (#24, 25). Round to the nearest tenth of a percent.  **Class Work/Homework:** Pages 41 and 42 (#27, 29, 32).  ***FRIDAY (8.30.24*) B-DAY, NO CLASS**  ***WEDNESDAY (9.4.24*)**  **Share your answers/work** for pages 41 and 42 (#27, 29, 32).  **Class Work/Homework**: ***Contingency Table and Vocabulary Review*** to be received in class. |