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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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| ***TUESDAY (8.20.24*)**  **Turn in your previously assigned homework**: Pages 39, 40 (#18, 19, 22, 23).  **Class Work/Homework:**   * **Give your instructor the topic of your data description project today.** * Work on your Data Description Project, which you will upload to Google Classroom no later than the beginning of your class on Thursday, 8.22.24.   **Data Description Project Checklist**  o Find an internet source that reports on an interesting study and describes the data associated with that study.  o Be sure to select a study that will be appropriate to discuss in class, and give your instructor the **topic** of your data description on Tuesday, 8.20.24.  o Write your own description of the data in the study.  o Include the context of your study.  o State why this study interests you.  o Include the link to your internet source.  o Type your report.  o Upload your typed copy on Google Classroom no later than the beginning of your class on Thursday, 8.22.24.  o Be ready to present your work to the class on Thursday, 8.22.24.  o After presenting your work to the class, turn in your typed copy to your instructor.  ***THURSDAY (8.22.24*)**   * Upload your Data Description Project to Google Classroom no later than the beginning of class. * Present your project. * Turn in the paper copy of your project. * Homework: Read and take notes on pages 25 – 36.   ***FRIDAY (8.23.24*) A-DAY, No Class** |