AP Statistics Unit 2

Chapters 3& 4: Modeling Data

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| Day | Topic | Classwork | Homework |
| 1 **Tues.**  **2/5/19** | Unit 1 Test | Test ‘em, test ‘em good! | **Read**: p.121-128, p.140-145  **Focus**: Scatterplot Basics (p.121-128), Correlation (p.140-145),  **Exercises**: 3.1, 3.11, 3.13, 3.28, 3.34 |
| 2 **Wed.**  **2/6/19** | Scatterplots and Correlation | Self-Guided Notes | **Read**: p.149-156, p.162-171  **Focus**: LSRL and formulas (p.149-156), r2 (p.162-165), Residuals (p. 167-171)  **Exercises**: 3.40, 3.42, 3.44, 3.46 |
| **3 Thurs. 2/7/19** | Least-Square Regression Line and Residuals  How to Lie With Statistics Intro | Discussion & Observation  Show samples and begin working | **Read**: p.225-236  **Focus**: Cautions (p.225-230), Causation (p.231-236)  **Exercises**: 4.28, 4.33-4.35, 4.49 |
| 4 **Mon.**  **2/11/19** | How to Lie With Statistics | **Create Misrepresenting Presentatiion via PowerPoint, Google Slides, etc…** | **Work on Presentation**  **Submit to me via email by midnight tonight:**  **lbeale@wcpss.net** |
| 5 **Tues.**  **2/12/19** | Residuals and AP Practice | \*AP Problems  \*Comparing Relationships  \*Describing Scatterplots | **Catch up, or sleep.** |
| 6 **Wed.**  **2/13/19** | Continue AP problems  Cautions about Correlation and Regression | Discussion & Observation | **Read**: p.241-250  **Focus**: Categorical Relationships (p.241-245), Simpson’s Paradox (p.249-250)  **Exercises**: 4.54, 4.59, 4.60, 4.62 |
| 7 **Thurs.**  **2/14/19** | Catch up Day | Work on Homework, Prepare for Quiz | **Study for Quiz and then…**  **enjoy that you don’t have school tomorrow!** |
| 8 **Fri.**  **2/15/19** | **Quiz Day!** | Good Luck | **Catch up on Homework** |
| 9 **Tues.**  **2/19/19** | Simpson’s Paradox and  2-way Tables | \*Discussion & Observation  \*Practice | **Read**: Between the lines  **Focus**: on Your Breathing  **Exercises**: 4.64, 4.68 |
| 10 **Wed.**  **2/20/19** | **ACT Day** | Review… | Study, study, study  \*\*Don’t forget to look back over Unit 1 |
| 11 **Thurs. 2/21/22** | Homework Unit 2 | Practice and Review | Make Brain Ready.  Eat, Sleep, Breathe. |
| 12 **Fri**  2/22/19 | **TEST DAY!!!**  **HW, RG, PS Due** | Take a test… Good Luck!! | On to the next unit…. |