|  | $\begin{gathered} \text { MONDAY (2/24) } \\ \text { 11:20-12:05 AND } \\ 12: 54-1: 39 \end{gathered}$ | $\begin{gathered} \text { TUESDAY (2/25) } \\ \text { 11:20-12:05 AND } \\ 12: 54-1: 39 \end{gathered}$ | $\begin{gathered} \text { WEDNESDAY (2/26) } \\ 11: 20-12: 05 \text { AND } \\ 12: 54-1: 39 \end{gathered}$ | $\begin{gathered} \text { THURSDAY (2/27) } \\ \text { 11:20-12:05 AND } \\ \text { 12:54-1:39 } \end{gathered}$ | Friday (2/28) <br> Regular schedule: 11:20-12:05 + 12:54-1:39 Alternate Schedule 11:32-12:15 + 1:02-1:45 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | REVIEW DAY <br> Students will be presented with multiple different practice problems in a choice sheet set-up for class. Completion of 2 problems in totality will earn a $100 \%$ for a daily grade. | QUIZ DAY <br> For the first half of class students will take the assessment one proportion Z Test individually. For the second half of the class, they'll be allowed to work with a partner. | Objective(s): SWBAT <br> - Identify the difference between type I and type II error. <br> - Hypothesize sociological implications of type I and II error in different scenarios. | Objective(s): SWBAT <br> - Recognize situations where a two-proportion Z test is used over a oneproportion Z test | Objective(s): SWBAT <br> - Identify statistics in their community and communicate statistical language in layman's terms. <br> - Develop calculator skills for a two proportion Z-test |
|  |  |  | A false positive pregnancy example to pique interest. | Propose the concept of instead hypothesis testing against a population, now we can determine significance between two disparate samples. | The first half of class will be continuing the content from yesterday in the calculator. |
|  |  |  | Notes first on the difference between Type I and II. Then practice problems in small groups. | We'll be running an in class experiment to gather two sets of varying data. This will take the majority of the day to accomplish. After that, we'll organize the data in preparation to solve it the next day. | After the calculator skills are done, students will be introduced to a new weekly assignment where students will have to present a statisticallyentrenched study/article/etc. I'll mock an example. |
|  |  |  | Compile a list on the a big poster at the front of different issues that arise due to the different types of error. | Ensure they have all their data set for tomorrow. | The remaining class time is for them to use to find articles and submit them on Echo for preapproval. Due Monday. |

