**InstructionalDay: 30**

**Topic Description:** Students present final projects.

**Objectives:**

The students will be able to:

* Incorporate all objectives of the unit into the final project.

**Outline of the Lesson:**

* Final project presentations (55 minutes)

**Student Activities:**

* Teams present final projects.

**Teaching/Learning Strategies:**

* Final project presentations
  + Student teams present their findings to the class.
  + Other teams ask questions and participate in the discussion.

**Resources:**

* Final Project
* Final Project Sample Rubric

**Final Project**

**Analyzing Your Data**

In the course of the past few weeks, your group has collected data using the phone application. Now it is your turn to tell an interesting story based on the data. You will present your story to the class (it can be a series of web pages or a Scratch program). You must include plots/graphics that support the story.

*You may include data from any of the other data sets you've seen in the lessons. However, these data cannot be the primary source of your story.*

You will have access to data from your classmates as well as students at other schools that have also collected data. Keep in mind that you have already done some analysis on your data. This is your opportunity to pull it all together, modify as necessary and tell a compelling story that makes a case or highlights a discovery.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Yes/No | Points Earned |
| **Does your web page or Scratch program:** |  |  |  |
| 1. Have a title with your group members' names? | 5 |  |  |
| 2. Tell a story based on your data? (Why does this data support your story?) | 10 |  |  |
| 3. Have 2 or more descriptive plots? | 10 |  |  |
| 4. Have other types of visuals? | 10 |  |  |
| 5. Have a description of why you chose the visuals that you did? | 10 |  |  |
| 6. Address how you can use this data to make a difference? | 10 |  |  |
| 8. Bring in data from an outside source that supports your story? | 10 |  |  |
| **Does your presentation include:** |  |  |  |
| How many items are in your data sets? Based on that how valid is your story? An explanation of this? | 10 |  |  |
| An explanation of what you learned in this unit (analysis techniques, etc)? | 10 |  |  |
| **Web Page or Scratch program uses appropriate features for the medium** | 15 |  |  |
|  |  |  |  |
| Total | 100 |  |  |