Secondary Math 3

**Unit 12: Statistics Project Rubric**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (if needed)

**Topic:**

0 – Missing 1 – Poor 2 – Ok 3 – Average 4 – Good 5 – Great

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **Description** | **0** | **1** | **2** | **3** | **4** | **5** | **Total** |
| **Background** |  |  |  |  |  |  |  |  |
|  | * Why did you choose this topic?
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  |  |  |  |  |  |  |  | **/5** |
| **Design** |  |  |  |  |  |  |  |  |
|  | * Population of Interest, Sample Type & Method
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  | * Study Method
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  | * Description of Process
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  |  |  |  |  |  |  |  | **/15** |
| **Analyzing Data** |  |  |  |  |  |  |  |  |
|  | * Data set (raw data)
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  | * Measure of Central Tendency
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  | * Box –n--Whisker Plot with labels
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  | * Normal Distribution Curve with standard deviation, mean & percentages
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  |  |  |  |  |  |  |  | **/20** |
| **Conclusion** |  |  |  |  |  |  |  |  |
|  | * What are the biases? What would you change? What do the results indicate? Why is this information important?
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  |  |  |  |  |  |  |  | **/5** |
| **Professionalism** |  |  |  |  |  |  |  |  |
|  | * Clean, organized, grammar, on time
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  |  |  |  |  |  |  |  | **/5** |
| **Peer Review** |  |  |  |  |  |  |  |  |
|  | * Comments, questions, insights, and helpful feedback of peers’ projects
 | 0 | 1 | 2 | 3 | 4 | 5 |  |
|  |  |  |  |  |  |  |  | **/5** |
| **Total** |  |  |  |  |  |  |  | **/55** |