

## Scoring Guide: Statistics Project

| <b>Category</b>                  | <b>Description</b>   | <b>Points Possible</b> | <b>Points Received</b> |
|----------------------------------|--|------------------------|------------------------|
| <b><u>Title</u></b>              | <ul style="list-style-type: none"> <li>○ Claim (2)</li> <li>○ Populations (2)</li> <li>○ Compiled by (1)</li> <li>○ Date (1)</li> <li>○ Picture (1)</li> </ul>   | <b>7</b>               |                        |
| <b><u>Sample</u></b>             | <ul style="list-style-type: none"> <li>○ 25 samples from each population (7)</li> </ul>  | <b>7</b>               |                        |
| <b><u>Survey/ Experiment</u></b> | <ul style="list-style-type: none"> <li>○ 3-5 Survey questions or experimental process listed (2)</li> <li>○ One question about the population (2)</li> <li>○ One question is numerical (2)</li> </ul>  | <b>6</b>               |                        |
| <b><u>Graphs</u></b>             | <ul style="list-style-type: none"> <li>○ 1 Frequency Table (5)</li> <li>○ 1 Circle Graph (5)</li> <li>○ 1 Double Bar Graph (10)</li> <li>○ 2 Box or Dot Plots (20)</li> </ul>  | <b>40</b>              |                        |
| <b><u>Analysis Paper</u></b>     | <ul style="list-style-type: none"> <li>○ Intro (2)</li> <li>○ Sample (4)</li> <li>○ Survey (4)</li> <li>○ Analysis of Data               <ul style="list-style-type: none"> <li>○ Explain Graphs (5)</li> <li>○ Measures of Center (5)</li> <li>○ Measures of Variability (5)</li> <li>○ Generalizations, Conclusions, Inferences (5)</li> </ul> </li> </ul> | <b>30</b>              |                        |
| <b><u>Conclusions</u></b>        | <ul style="list-style-type: none"> <li>○ Reflection (5)</li> <li>○ Real World Connection (2)</li> <li>○ Better Understanding of Statistics (3)</li> </ul>  | <b>10</b>              |                        |
| <b><u>Total</u></b>              |  | <b>100</b>             |                        |