Statistics in Careers

* 1. **Choose a career.**
     1. Explore a career that uses statistics. Check out this webpage: <http://www.bls.gov/ooh/>
     2. Find out information about this career including the following questions (please include more):
* What is the job description?
* How does this job use Statistics?
* What degree(s) are required to work in this field?
* Job prospects and income potential

1. Possible careers:
   * + Actuary
     + Atmospheric Scientist
     + Bio-statistician
     + Business Analyst
     + Computer System Analysis
     + Data Scientist
     + Economist
     + Environmental Scientist
     + Epidemiologist
     + Financial analysts
     + Information Research Scientist
     + Insurance Underwriters
     + Medicine
     + Natural Science Managers
     + Operations Research Analysts
     + Political Science
     + Psychologist
     + Risk Analyst
     + Social Worker
     + Software Engineer
     + Statistician
     + Survey Researcher
   1. **Create a Poster**
      1. Poster size: 8 ½ x 11 inches
      2. Must answer the questions above
      3. Easy to gather information
      4. Neatness & Creativity
      5. Rubric provided.

Statistics in Careers Rubric

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CATEGORY | **4** | **3** | **2** | **1** |
| **Required Elements** | The poster includes all required elements as well as additional information. | All required elements are included on the poster. | All but 1 of the required elements are included on the poster. | Several required elements were missing. |
| **Graphics - Relevance** | All graphics are related to the topic and make it easier to understand. All borrowed graphics have a source citation. | All graphics are related to the topic and most make it easier to understand. All borrowed graphics have a source citation. | All graphics relate to the topic. Most borrowed graphics have a source citation. | Graphics do not relate to the topic OR several borrowed graphics do not have a source citation. |
| **Attractiveness** | The poster is exceptionally attractive in terms of design, layout, and neatness. | The poster is attractive in terms of design, layout and neatness. | The poster is acceptably attractive though it may be a bit messy. | The poster is distractingly messy or very poorly designed. It is not attractive. |
| **Mechanics** | Capitalization and punctuation are correct throughout the poster. | There is 1 error in capitalization or punctuation. | There are 2 errors in capitalization or punctuation. | There are more than 2 errors in capitalization or punctuation. |
| **Grammar** | There are no grammatical mistakes on the poster. | There is 1 grammatical mistake on the poster. | There are 2 grammatical mistakes on the poster. | There are more than 2 grammatical mistakes on the poster. |