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

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| --- | --- | --- | --- | --- |
| 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. |