Chemistry Final (fall 2014)

There will be two parts to your final:

1. A demonstration worth 100 points
2. An in-class practical worth 100 points

**Part 1**: You and a partner will demonstrate a chemistry principle.

1. You **CANNOT** blow anything up! It must not be dangerous! A sign-up sheet will be provided, no duplicates within a class period. First come basis. It must receive approval.
2. During your demo, you must have provide a flyer that identifies and discuss the following:

* Give the materials and procedure
* Explain what happened and **why**
* Pictures!
* Any other information that is helpful or important (ex: historical information)

Rubric

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| --- | --- | --- | --- | --- |
|  | Excellent | Good | Satisfactory | Needs Improvement |
| Demonstration | 50  Demo is clear and easy to understand. Audience is guided through the demo with explanation | 40  Demo is good, Audience is not fully engaged in demo. partial explanation | 30  Demo is OK, rushed, not much explanation or audience participation | 20  Demo is poor, rushed, don’t really know what is happening |
| Organization of Information Presented | 10-9  Each section in the brochure has a clear beginning, middle, and end. | 8-7  75% or more sections of the brochure have a clear beginning, middle, and end. | 6  60% of the sections of the brochure have a clear beginning, middle, and end. | 5  Less than half of the sections of the brochure have a clear beginning, middle, and end |
| Content-Accuracy and Information Validity | 10-9  All facts in the brochure are accurate and match cited resources. | 8-7  99-90% of the facts in the brochure are accurate. | 6  89-80% of the facts in the brochure are accurate. | 5  Fewer than 80% of he facts in the brochure are accurate. |
| Spelling and Mechanics | 10-9  No spelling errors and all sections of brochure are free of writing errors. | 8-7  No more than 1 spelling and/or writing errors are present. | 6  No more than 3 spelling and/or writing errors are present. | 5  More than 3 spelling and/or writing errors are present. |
| Attractiveness and Organization | 10-9  The brochure has exceptionally attractive formatting and well-organized information. | 8-7  The brochure has attractive formatting and well-organized information. | 6  The brochure has well-organized information or format but not both. | 5  The brochure’s formatting and organization of material is confusing to the reader. |
| Graphics and/or Pictures | 10-9  Graphics match the topic and text in the section where placed. Each section has no more than two graphics and there are at least a total of three graphics used. | 8-7  Graphics go well with the text, but there are so many (more than two per section) that they distract from the text. | 6  Graphics go well with the text, but there are too few (less than three graphics for entire brochure) and the brochure seems “text-heavy”. | 5  Graphics do not go with the accompanying text or appear to be randomly chosen. |

**Part 2**: You will work with your table group to collect data and solve problems at four different stations.

1. You may work with your group members.
2. Each person must write their responses on their own paper. This paper will be your report sheet.