

Honors Chemistry

Application Assignment Choices

Choose one of the following choices.

1. Chemical Spill Challenge
2. Design a demonstration for elementary school kids to illustrate the ideas of physical & chemical properties and physical & chemical change
3. Collect at least 12 samples of matter to illustrate elements, compounds, and mixtures. Label each and explain how you classified it.
4. Separating Ink Dyes lab
5. Research your career choice. Briefly describe what kinds of activities are involved in your career choice. Explain ways that knowledge of chemistry would be helpful for this career. Write your findings in a one page paper. (Double spaced, margins $\leq 1''$, font ≤ 12 point)

Critical Thinking Assignment Choices

Research and answer the question. Read & summarize 3 articles and write a good 2-paragraph response to the question. Include the citations of your sources. Remember to support your answer with evidence from what you read. Type your assignment using the format provided on the other side.

Choose one of the following choices.

1. Should the United States use the metric system?
2. Do you think the flame retardant DECA should be banned? Here's something to get you started: [http://www.ewg.org/Flame Retardant Chemical Phase Out](http://www.ewg.org/Flame_Retardant_Chemical_Phase_Out) (Do you think this source has a bias)
3. 1) What do tattoo inks have to do with information in chapter 3? and 2) Do you think that tattoo inks are safe? Use the online article about Tattoo chemistry. You may summarize each web page of the article as a different article. The first page is at: <http://chemistry.about.com/libraŕy/weekly/aa121602a.htm>
4. Have another question you want to answer? Propose it to Mr. Briggs



Critical Thinking Assignment Format

Instructions: Write a short paragraph to summarize each of 3 recent magazine, journal, or Internet articles on your topic. Cite your sources. Then answer the question. Write 2 good paragraphs (5-7 sentences make a good paragraph) expressing your opinion. Make sure to back up your opinion with some of the information you learned in your research. You will be graded on your reasoning and the quality of your summaries, as well as on paragraph structure, spelling, punctuation and grammar.

Format

Name _____
Unit _____

Question: _____

1. Title of Article: _____

Title of Magazine, Journal or URL(Website address): Be sure this is complete!!!

Author: _____ Date of Article: _____

Summary:

2. Title of Article: _____

Title of Magazine, Journal or URL(Website address): Be sure this is complete!!!

Author: _____ Date of Article: _____

Summary:

3. Title of Article: _____

Title of Magazine, Journal or URL(Website address): Be sure this is complete!!!

Author: _____ Date of Article: _____

Summary:

Answer to the question: