

Opinion Piece—Health and Wellness CLA for 4C Chemistry

SUGGESTED TOPICS (if you have another in mind, please see me!)

- *bisphenol A (plastics)
- *paraben (shampoos/lotions)
- *casein (dairy)
- *nitrates/nitrites (processed food)
- *GMOs (genetically modified organisms: wheat, corn, soy)
- *chemotherapy (Using ascorbic acid as an alternative?)

1. What is this compound or molecule?
2. Identify potential problems with this compound or molecule.
3. Is this compound or molecule present in your environment? Where?
4. What is the safest, most healthy way to avoid this compound or molecule?
5. How can you choose a healthier alternative to using products involving this compound or molecule?
6. How is the public informed about this compound/molecule? If it's not yet public knowledge, why not?

Part A – T-Charts

Using articles, documentaries, studies and other sources that you choose, answer the following questions. Make sure you reference your sources. Youtube and Netflix have great documentaries; see me for suggestions if required.

1. Make a T chart to compare the positives and negatives on health.
2. Make a T-Chart to compare the positives and negatives on the environment.
3. Make a T-Chart to compare the positives and negatives for the economy.

Part B - Opinion Piece

Write a 5 paragraph opinion piece that states your opinion. Include your answers to questions 1-6. Support your opinion with your research. You should include the impact on health, the environment and the economy.

Use the first paragraph to introduce your topic. Use the following three paragraphs to develop health, environment and the economy. Use the last paragraph as a conclusion.

Don't forget a works cited page!

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Category	Level 1	Level 2	Level 3	Level 4
Knowledge (30) Knowledge of facts and terms Shows understanding of negatives and positives Understands concepts presented	Unable to complete task due to insufficient knowledge Shows limited understanding Repeats and/or copies others' words of questions 1-6	Some use of required knowledge Shows some understanding Uses some of his/her own words of questions 1-6	Considerable use of required knowledge Shows considerable understanding Uses own words in explanations of questions 1-6	Thorough use of required knowledge Shows thorough understanding Extends explanations of questions 1-6
Thinking/invest (30) Gathering data Analyzing and interpreting, health, environment and the economy Forming and justifying conclusions based on evidence	Limited completion of t-charts Provides limited analysis of the data in opinion piece dealing with health, environment and the economy Demonstrates limited ability to draw conclusions based on the evidence	Some completion of t-charts Provides some analysis of the data in opinion piece dealing with health, environment and the economy Demonstrates some ability to draw conclusions based on the evidence	Considerable completion of t-charts Provides sufficient analysis of the data in opinion piece dealing with health, environment and the economy draws valid conclusions based on the evidence	All points are included in t-charts Provides rich analysis of the data in opinion piece dealing with health, environment and the economy Draws insightful conclusions based on the evidence
Application (20) Assesses the impact of the product on human health Assess the impact of the product on the environment	Assesses the impact with limited effectiveness Assesses the impact with limited effectiveness	Assesses the impact with some effectiveness Assesses the impact with some effectiveness	Assesses the impact with considerable effectiveness Assesses the impact with considerable effectiveness	Assesses the impact with a high degree of effectiveness Assesses the impact with a high degree of effectiveness
Communication(20) Ideas are organized Communicates opinion Sources	Organization is limited Opinion is not evident Works cited is poorly completed or missing	There is some organization of ideas Opinion may or may not be owned by student Works cited is copy and pasted links	Ideas are organized with considerable effectiveness Opinion is owned by student Works cited is properly formatted in APA.	Ideas are organized with a high degree of effectiveness Opinion is strongly communicated Works cited is properly formatted in APA and included a great variety of sources

HEALTH

POSITIVE

NEGATIVE

ENVIRONMENT

POSITIVE

NEGATIVE

ECONOMY

POSITIVE

NEGATIVE

OPINION PIECE

INTRODUCTION

Introductory Sentence (Similar to concluding sentence: broad to introduce the topic.)	
Thesis	
What is your compound/molecule? Enumerate your three ideas.	

FIRST DEVELOPMENT PARAGRAPH

Introductory Sentence

1st statement	1st example	1st explanation
2nd statement	2nd statement	2nd explanation
3rd statement	3rd example	3rd explanation

Concluding Sentence

SECOND DEVELOPMENT PARAGRAPH

Introductory Sentence

1st statement	1st example	1st explanation
2nd statement	2nd statement	2nd explanation
3rd statement	3rd example	3rd explanation

Concluding Sentence

THIRD DEVELOPMENT PARAGRAPH

Introductory Sentence

1st statement	1st example	1st explanation
2nd statement	2nd statement	2nd explanation
3rd statement	3rd example	3rd explanation

Concluding Sentence

CONCLUSION

Restate Your Thesis	
Summarize your findings enumerating your three points of development.	
Give a general observation. (Similar to your introductory sentence in your introduction.)	

***Use APA for your works cited page. See you notes for examples. Come in for help if required. Remember I can proof read your work for you.**

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