Name: _____ Period: _____

8 Fuel Your Life

Socratic Seminar -- Alternate Assignment

Directions:

1. Go to the articles listed below, you must read Article 1 and one additional article from the list below. You can use the link, scan with a QR code or access online (Google Classroom/Schoology). Read the articles, take notes in the space provided below.
2. Go to the videos below. You must watch 1 video. Use the link, scan with QR code, or access online (Google Classrooom/ Schoology). Watch the video and take notes in the space provided below.
3. Create 3 discussion questions. These may be questions that you still have after reading the articles and watching the video, though it is not required. They need to be thought provoking and lend towards a discussion. These are not yes/no, I agree/disagree, or short response (where the answer is given in the article or video) question. They should build on the work you already did with the articles and connect to the articles you read earlier in this workbook..
4. Your written reflection should:
    a. Compare food fuels to mechanical fuels using support from text/lab/discussion
    b. Decide what mechanical fuel would be the best based on energy density and impact on environment and defend your decision
    c. Tie in reading and lab work with specific details from each and citations (title of lab or article is sufficient)
    d. 500 words minimum; legible (may be handwritten or typed)
    e. Double-spaced
5. Use the rubric excerpts at the end of this handout to determine what you need to do for the written reflection. For an A or extra credit, you must do more than what the directions specify.

Article 1: ***Energy Density*** (EVERYONE MUST READ THIS ONE)

https://drive.google.com/open?id=0B5lB-uW7jKhraDZsMHRuTDc0WjA

Article 2: ***Few transportation fuels surpass the energy density of gasoline and diesel***.

https://drive.google.com/open?id=0B5lB-uW7jKhrUFJXTEhIanhHSG8

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Article 3: ***Crunching the Numbers on Alternative Fuels***

https://drive.google.com/open?id=0B5lB-uW7jKhra1V3QUpOSnNNLVE

Article 4: ***Types of Alternative Fuels***

https://drive.google.com/open?id=0B5lB-uW7jKhrMWZ1Nm5kYzdueUU

Video 1: "This is 200 calories."

https://youtu.be/KMGUmcveQeg

Video 2: "What if the world went vegetarian?"

https://youtu.be/ANUoAdXfA60

Video 3: "Why are we addicted to gasoline?"

https://youtu.be/4589op6bH8Y

Name: _____ Period: _____

Notes

Article 1:

Choice Article: _____

Name: ____ Period: __________

Video: ______________________________________

Questions

1.

2.

3.

Name: _____ Period: _____

To Get at Least a B (Proficient):

Preparedness

- Notes
  - All resources have thorough and detailed notes
  - Show that individual has read and understood most of the content
- Questions
  - 3 Questions
  - Thought and discussion provoking; not yes/no questions
  - Relate back to the resources

Written Reflection

- Ties in reading and lab work with specific details from each and citations (title of lab or article is sufficient)
- Compare food fuels to mechanical fuels using support from text/lab/discussion
- Decide what mechanical fuel would be the best based on energy density and impact on environment and defend your decision
- 500 words minimum; legible (may be handwritten or typed)

To Get an A (Advanced):

Preparedness

- Notes
  - Meets Proficient
  - Includes notes from a source not provided by teacher and a printout of article
- Questions
  - Meets Proficient
  - More than 3 Questions

Written Reflection

- Exceeds Proficient
  - 700+ Word counts
  - Typed only
  - Cited
  - Additional source(s) used appropriately