**C-1: Artificial Sweetener Essay (Evidence Based Writing)**

-You may work in pairs for the essay at your own risk  
-You will have Monday (1/23) and half of Tues/Weds (1/24-25) of class time  
-Assigned on 1/23/17, due 1/30/17  
-Worth 20-32 points:

**Essay (6 paragraphs) = 20 points (credit/no-credit)**  
+1 stamp if completed on time  
+1 stamp if done by yourself  
+1-3 stamp(s) for extra body paragraphs (max 3)  
+2 stamps for making a mini poster for it (after being given full credit for the essay)  
+5 stamps for the reflection

* **Introduction Paragraph**
  1. Introduce the topic (artificial sweeteners) in an way that shows why it’s interesting or important.
  2. Make your claim about the safety or healthiness of using them. (You may be as specific or as general as you want, as long as your evidence addresses everything)
* **Body** (3-6 paragraphs, +1 extra credit for each past 3 paragraphs)
  1. Describe one of Dr. Mercola’s major points (from the pink handout).
  2. Explain how a science literacy concept **counters that argument**.
  3. Provide **your own commentary** on what people should think or how people should feel about that specific issue.
* **Body** (this body paragraph doesn’t have to go last)
  1. Explain the ADI (provided by the **F**ood and **D**rug **A**dministration) and how it relates to your claim.
  2. Provide examples from the chart(s)
  3. Provide your own commentary on what people should think or how people should feel about that specific issue.
* **Conclusion**
  1. Rephrase your claim, tying in practical application.
  2. (What’s your big message for people? What should they think or do, now that you’ve convinced them of your opinions?)

**Reflection Questions**

1. What does this quote mean? (Use a dictionary if necessary.)

“Science literacy is the vaccine against the charlatans of the world that would exploit your ignorance”

–Neil deGrasse Tyson

1. Explain in detail (at least 1 paragraph) how to decide who to trust when two sources provide conflicting views on a health topic.
2. Describe your thoughts/feelings (at least 1 paragraph) about the science literacy lesson (the way the lesson was given, how difficult it was, how interesting or valuable it was, what you learned, etc.)

The powerpoint and yellow/pink handouts are on <http://misterwarren.weebly.com/agenda/science-literacy>

Mon (1/9): The importance of science literacy (slides 1-2)  
Tues/Weds (1/10-11): Problems 1 and 2 (slides 3-10)  
Thurs/Fri (1/12-13): Problems 3 and 4 (slides 11-28)  
Tues/Weds (1/17-18): Problem 5 (slides 29-37)  
Thurs/Fri (1/19-20): Artificial Sweeteners (slides 38-40)   
Mon (1/23): Artificial Sweeteners continued (slides 41-45)  
Assignment **C-1: Artificial Sweeteners Essay**​(See slides 44-45)