

Science Reaction Papers

You will be required to complete **one of these reaction papers every 3 weeks**, for a total of 4 for each term. The due dates will be on my classroom calendar each month.

Requirements:

- The article must be a **science based article. The article should be longer than 1 page when printed.**
 - You must **attach a copy of the article when you turn it in.**
 - You may **turn in a physical copy, or share it via Google Docs** with agnesnogalteacher@gmail.com
 - I will use a 4-point proficiency rubric to score **each** section of the reaction paper.
1. First, **you must summarize the article. Do not copy and paste.**
 - a. **State in your own words what the main idea of the article is, and what research methods are used.**
 - b. This must be a **minimum of one paragraph/5 sentences in length**, but it may be longer.
 2. Second, **you must analyze and evaluate the article.** This must be a **minimum of one paragraph/5 sentences in length.**
 - a. **What is the hypothesis of the article?**
 - b. **What observations were made?**
 - c. **If research was done, did their research methods work?**
 - d. **What could the scientists/doctors have done better? What would you do differently if you were in this situation?**
 - e. **What impact will this have on science, on medicine, on the environment, on humans or on our society?**

Points	4-Point Scoring Rubric
4	All of the requirements are evident and EXCEEDED; the product is VERY neatly done and EXTREMELY well organized. The sections show evidence of higher level thought and understanding about the science the article presents. The student has put the article in their own words without copying directly from the text.
3	All of the requirements are evident; the product is neatly done and well organized. The sections show basic thought and understanding about the science the article presents. The student has put the article in their own words without copying directly from the text.
2	The requirements are evident (maybe 1 or 2 are missing); the product is neatly done and organized. The sections show some trouble in understanding the science that the article presents; the student has put some of the article in their own words but still has copied some statements directly from the text.
1	The requirements are evident (maybe 3 or 4 are missing); the product is done and sort of organized. The sections show much trouble in understanding the science that the article presents; the student has not put the article in their own words.
0	MANY of the requirements are NOT PRESENT, the product is VERY POORLY done and POORLY organized. The sections show that the student did not understand the article; the student has not put the article in their own words.