

## How to Complete the Nuclear Chemistry Project



Step 1: Complete a survey to tell Mrs. Cook a topic related to Nuclear Chemistry that you are interested in.

Step 2: Mrs. Cook will place you in a group with others in the room who have selected similar topics.

Step 3: Collect information on your topic. As you collect information about your topic, you will need to identify three concepts about your topic that you believe are central to understanding your topic or forming opinions on your topic.

Step 4: “What type of information should I be collecting about the three concepts I select?” You should collect information about the concept that will clearly explain the concept, make connections to your overall topic, and describe how it is directly influential in shaping opinions about your topic or impacting your life.

Step 5: Form a clear conclusion that includes your personal opinion on an issue about your topic. Support your opinion with the information you collected in this project.

Step 6: Consult at least three reliable resources on your topic. Wikipedia is sometimes a good starting point to get an overall idea of a topic, but it is technically not a reliable resource based on how it is developed. Blogs, Wiki Answers, or Yahoo Answers, etc. are also expressions of individuals opinions and are not reliable resources. In general, websites that are .gov, .org, or .edu are considered reliable.

Step 7: Give credit to the resources of information you consulted in a Bibliography. You should use MLA formatting to do so, just as you would in your SHS English classes. A great resource on how to use MLA formatting is an MLA citation generator at <http://www.citationmachine.net/mla> or the Purdue Online Writing Lab (OWL) at <https://owl.english.purdue.edu/owl/resource/747/08/> Your Bibliography will be submitted to Mrs. Cook on an individual basis in Google Classroom when you are done with the project.

Step 8: Compile your information on a Google Slides presentation. Good presentation slides do NOT consist of paragraphs of text. They include key concepts, with one or two explanatory bullets. The emphasis should always be clear and not clouded with extraneous “fluff.”

Step 9: Work with your group to put everyone’s slides together. This generally means that one group member is the “owner” and the presentation is shared with the other group members. When everyone is done with the presentation, the “owner” should submit it to Mrs. Cook on Google Classroom.

Step 10: As a group, develop a list of Pros/Cons related to your topic. I recommend making a slide at the end of the presentation with these pros and cons.

Step 11: ♦ Verbally present your individual slides; it should take each group member approximately 2-3 minutes to speak. If you are speaking less than this, you have too little information about your concepts. If you are speaking more than this, you have too much information about your concepts (try to identify the most important ideas).  
♦ Verbally present as a group the list of pros and cons that you developed. Each member of the group must participate in this portion. The pros and cons should be expressed clearly in an organized manner. Ensure that your group communicates how the pros/cons would be influential to the opinions and lives of the audience.

Step 12: As a class, can we come to an overall conclusion if we should continue to use Nuclear Energy based on the information that has been presented? We will identify the most important issues as a class and take an overall opinion poll.

