

## Periodic Table Groups and Families Project: (40 points)

For this project you will be asked to create a presentation on a group, family, or type of element from the periodic table. You must create the video and upload the video to youtube so that I can copy links and create a single resource of all presentations. You and the other students will be responsible for learning the information shared by all presentations. When the videos are presented in class you may or may not write notes on the topics but should write down any questions that come to mind. You should write notes on the presentations at some time, whether that be during the presentations or while viewing them a second time on your own from the links provided. You will be tested on the material presented by your fellow classmates. Have fun with this. Make the videos entertaining as well as educational.

### Requirements:

1. General (14 points)
  - a. Video should be at least 3 minutes and no longer than 5 minutes unless permission is given (2)
  - b. Verbal instructions/information must be heard from all group members (2)
  - c. Outline created and handed out to fill in important points (3)
  - d. Video must include a variety of picture/photo "slides" as well as written "slides" (2)
  - e. Effort to present information with creativity/variety should be evident (3)
  - f. wow factor or unique factor about topic included in presentation (2)
2. Educational (some of the requirements below may not pertain to your group, please see the teacher if you have any questions) (26 points)
  - a. What group you are presenting? (2)
  - b. Where is your group located on the periodic table? (4)
  - c. What are some of the characteristics of your group?
  - d. Are there any trends in your group?
  - e. Are there similarities as well as differences in your group and what causes them?
  - f. What is your group known for and/or used?

\*for c. through f. the point value for each will depend on the group you are presenting. For some groups one or more of items c. through f. may be of more importance or not applicable to the group.\*

Extra credit will be given if a video clip of a lab or demo is included (2pts)

Extra credit will be given if in some part of the video a group member is seen in a productive way. (2pts)

Correction rubric:

Name: \_\_\_\_\_

requirement	points	comments
3-5 minutes	2	
all group members heard	2	
outline created and given out	3	
contains both picture and word slides	2	
creativity and variety	3	
wow/unique factor	2	
group identified	2	
group locations identified	4	
characteristics,trends, similarities, differences	10	
use/application of	10	
extra credit <ul style="list-style-type: none"><li>• video clip</li><li>• group member visually included</li></ul>	4	
total	/40	