

Create a Google Slide Deck or Power Point Presentation or Poster or Information Pamphlet on your favorite element.

Name of Element \_\_\_\_\_ (one person per element)

Due \_\_\_\_\_

**Research your element on ALL the following subtopics:**

1. **Project Title** – include element's name, symbol and atomic number
2. **Classification** – metal, non-metal or metalloid
3. **Properties** (characteristics) – physical & chemical
4. **Atomic Diagram** (# protons, # electrons, # neutrons)
5. **Chemical Family** & why it belongs (properties) to this chemical family
6. **Labelled Images/ Pictures** of your element or common compounds (remember to cite bibliography info)
7. **Discovery & History of the Element** – who discovered it when, where, how....
8. **Common uses of the Element** – describe the ways/forms your element may be used (currently & in the past)...
9. **Common Chemical Compounds**– include names, formulas, and use for 3 chemical compounds.
10. **How is your element produced?** Most elements are not found in nature in their pure form. In your own words, describe the process (steps) to isolate/separate your element. Put your own labels on a diagram, to help explain the process.
11. **Other** - (Health Effects, ...)
12. **3-D Model** related to your topic – should include labels, title of what it is. Extra marks for creativity.
13. **Bibliography** – Minimum of 4 resources; proper entry (Author, date, Title, website url.) APA Style
  - Consult books, journals & the Internet (check site is credible & **AVOID** Wikkipedia)
  - All pictures require a bibliographic entry (citation)
  - Re-organize ALL sources alphabetically by Author's Last name
  - See handout from Mrs. Phillips - Librarian at Royal Bay Learning Commons

**Project Notes:** - take only point-form notes under subtopic headings in your interactive notebook  
- ORGANIZE all information as you come across it, into the sub-topics noted above  
- Only record information you understand!

**Final Product** – requires **subtopic** headings which may be combined, re-arranged or renamed to suit your topic & research.  
- re-write point-form notes into sentences & paragraphs. Word-process, write or print but No pencil!  
- submit (turn in all research notes with project.  
– Maximum ONE fun fact.

Check out: [www.webelements.com](http://www.webelements.com)