

PRESENTATION PROJECT - ELEMENT POSTER

J. Flint Baumwirt ~ GHCHS/CSUN Math Science and Technology Magnet School ~ C-5 ~ Chemistry, Rev 2004

REQUIREMENTS:

1. Maximum of two students per project
2. Make it colorful and interesting. Use pictures, objects, drawings, diagrams...etc. anything to appropriately draw attention to it. (include nothing that may deteriorate or decompose)
3. Affix materials **permanently** to the poster. (If it falls off, it wasn't there.)
4. Try to make it professional looking. Design your project to be visible and legible **at distance of 10 feet**.
5. Project Size = 18 X 18" Please use **foam core board**, no exceptions here.
6. Be original and creative. These projects are intended to educate and entertain and be displayed for several semesters.
7. Neatly display your name(s) and class period on bottom-right, **front** corner of the poster

WHAT TO INCLUDE: *(Not all information will be available for all elements. Be selective and choose interesting information.)*

1. Name of the element, the origination of the name and the Chemical Symbol that represents it internationally.
2. Atomic Number and Atomic Mass. How was this determined?
3. Research the discovery of the element. How was it discovered and by whom?
4. Research any interesting past uses of the element or its compounds
5. What are the present uses of the element or its compounds?
6. How is it found in nature? Where do we find it? How is it obtained?
7. What does it look like? In nature? In pure form?
8. What properties does it possess that classify it as a metal, nonmetal, semi metal or metalloid, or halogen?
9. **Find some bizarre fact about your element - something you believe is unique and relatively unknown by the general population.**
10. Include a **properly cited** Bibliography page affixed to the back of the project listing all references (minimum of three different types of sources) used for this project. Attach a printout of the first page of any website utilized for verification. *Consult with your English teacher or your Magnet Style guide for information on correct bibliography format.*

Research Project: Element Poster Presentation Project			GRADING RUBRIC	
Student Name(s): _____			Per: _____ Element : _____ Score: _____/20	
Student Name(s): _____			Student Self Assessment Score: _____/16	
GHCHS/CSUN Math, Science and Technology Magnet School J. Flint Baumwirt ~ Chemistry Revised September 2004				
CATEGORY	4	3	2	1
Amount of Information	All applicable and obtainable information is addressed including an unusual fact. All Criteria met.	Most applicable and obtainable information is addressed. Some attempt to identify an unusual fact. Most Criteria met.	Some research is evident in the inclusion of information. Little evidence of an unusual fact. Some Criteria met.	Most basic information is addressed. No unusual fact is included. Little Criteria met.
Quality of Information	All Information clearly and creatively relates to the main topic, is correct and provides supporting details and/or examples.	Information clearly relates to the main topic, is correct and provides 1-2 examples with some creativity.	Information relates to the main topic, but no examples are given. Some evidence of creativity. Some minor inaccuracies.	Information has little or nothing to do with the main topic or intent of project and shows little creativity. Incorrect information is noted.
Appearance: Diagrams & Illustrations and other Examples, Objects and Items	Diagrams and illustrations are extremely creative, neat, and accurately add to the reader's understanding of the topic. Appearance is that of a professional product.	Diagrams and illustrations are neat and accurately add to the reader's understanding of the topic. Appears is somewhat professional looking.	Diagrams and illustrations are accurate and sometimes add to the reader's understanding of the topic. Appearance gives little impression of a professional product.	Diagrams and illustrations are not accurate OR do not add to the reader's understanding of the topic. Not at all Professional in Appearance.
Sources	All sources for information and graphics are accurately documented in the desired format. Requested bibliography & URL documentation present in proper form.	All sources for information and graphics are accurately documented, but a few are not in the desired format. URL documentation is present.	All sources for information and graphics are accurately documented, but many are not in the desired format. No URL documentation is present.	Some sources for information and graphics are not accurately documented. No URL documentation present.
Teacher Assessment:	Presentation Knowledge/Info Gain: _____ Collaboration Evidence: _____ Creativity: _____ Uniqueness: _____			

ESLRs addressed: Information Manager and Effective Communicator ~ California Chemistry Content Standards addressed - 1a and 1b: How to relate the position of an element to its atomic number and atomic mass and How to use the Periodic Table to identify metals, semimetals, nonmetals, and halogens. ~ Language Arts Standards: 10th/2.2 Prepare bibliography of reference materials and 11th/2.4 Deliver multimedia presentations ~ CA Teaching Standards: Using a variety of instructional strategies and resources to respond to students' diverse needs and facilitating learning experiences that promote autonomy, interaction, and choice.