

Element Project

Task: You will create a mini-poster with information about an element.

Procedure:

1. Get the name of your element from the teacher.
2. Research your element for the information shown on the Template. Use at least three sources for your information and reference them on your poster.
 - The internet
 - CD ROMs
 - Encyclopedias (books or electronic)
 - Text books, magazines, etc.
3. You may draw the poster on paper, or do it on the computer and print it out.

CATEGORY	4	3	2	1
Required Elements	The poster includes all required elements as well as additional information.	All required elements are included on the poster.	All but 1 of the required elements are included on the poster.	Several required elements were missing.
Graphics - Relevance	All graphics are related to the topic and make it easier to understand. All borrowed graphics have a source citation.	All graphics are related to the topic and most make it easier to understand. Some borrowed graphics have a source citation.	All graphics relate to the topic. One or two borrowed graphics have a source citation.	Graphics do not relate to the topic OR several borrowed graphics do not have a source citation.
Attractiveness	The poster is exceptionally attractive in terms of design, layout, and neatness.	The poster is attractive in terms of design, layout and neatness.	The poster is acceptably attractive though it may be a bit messy.	The poster is distractingly messy or very poorly designed. It is not attractive.
Writing	Writing is clear and concise and in student's own words. There are no grammatical or mechanical mistakes on the poster.	There are 1-2 grammatical/mechanical mistakes on the poster.	There are 3-4 grammatical/mechanical mistakes on the poster.	There are more than 4 grammatical/mechanical mistakes on the poster.

Name of Element

Picture of Element		
Properties of Element		
Chemical symbol	Mass, density	Atomic number
Electron configuration	Density	Number of isotopes
Most common state (solid, liquid, gas)		
History of Element and Processing for Use		
Who discovered the element and when?		
Where is the element located on Earth and how is it processed for use?		
Uses of Element		
Create a drawing or picture showing one or more uses of the element and insert it here.		
Element's Family or Group Information		
The name or number of the group (family) to which the element belongs on the Periodic Table:	What other elements belong to the same group?	
What are some characteristics or properties of the group?	How are members of the group used?	
References		
The Internet:		
CD ROMs:		
Encyclopedias (electronic or book):		
Text books, library books, TV shows, magazines, newspapers, etc.:		