

Element: _____

There are 117 elements. The one above has been assigned to you for this project. Try to learn as much as you can about this element, as you will be teaching others about it.

Visual aids are a great way to convey information. For this assignment you will be creating a visual aid to help explain the basic information about an element from the periodic table.

THE ASSIGNMENT:

Build a mobile or create a scrapbook page that provides basic information about your element. At a minimum you must include the following key points.

1. element name
2. element symbol
3. atomic number
4. atomic mass
5. density
6. 2 chemical properties
7. 2 physical properties
8. 2 uses
9. at least one source of the element
10. state of the element at room temperature
11. charge on ion form
12. at least one interesting fact, figure, etc. not covered by the above

GRADING: See rubric for detailed description of grading parameters.

OR

Your mobile must:

1. Hang from the ceiling (approx. 18" max height).
2. Be neat and well constructed.
3. Reflect proper spelling, sentence use when appropriate.
4. Be able to be read from a meter away.
5. Demonstrate your unique creativity- try to make it you.
6. Use color, texture, varied materials or other artistic elements to capture attention.
7. Accurately represent your element as indicated by the 12 requirements listed above.
8. Have a works cited page/card detailing where you got the information.(3 SOURCES, MLA format)

Factual Data	/60
Physical Construct	/10
Color/Texture/ Other Artistic Elements	/5
Sturdiness	/5
Neatness	/5
Works Cited	/15
Total	/100

Final Grade _____ / 100

Your scrapbook page must:

1. Be on a 12" by 12" scrapbook page
2. Be neat and well constructed.
3. Reflect proper spelling, sentence use when appropriate.
4. Be able to be read from a meter away.
5. Demonstrate your unique creativity- try to make it you.
6. Use color, texture, varied materials or other artistic elements to capture attention.
7. Accurately represent your element as indicated by the 12 requirements listed above.
8. Have a works cited page/card detailing where you got the information.(3 SOURCES, MLA format)

Factual Data	/60
Physical Construct	/10
Color/Texture/ Other Artistic Elements	/5
Sturdiness	/5
Neatness	/5
Works Cited	/15
Total	/100

Final Grade _____ / 100

CATEGORY	5	4	3	2	1	0
Factual Data Point values are per fact	Project contains the factual data and all included information is correct	Project contains the fact but there is a minor error (units, etc.)	Fact is included but has several minor errors.	Fact is included but mostly inaccurate	Fact included but completely inaccurate.	No data included.
Physical Construct Points x 2	Project is presented as a mobile that can be hung from the ceiling. Or a 12"x12" scrapbook page		Project is not a mobile, but was still presented in a manner that allowed it to be hung. Or was presented as a scrapbook page, but not of the proper size.		Project is not a mobile, nor is it a scrapbook page, but some form of project was turned in.	Project not turned in
Color/Texture/Other Artistic Elements	Mobile or scrapbook page contains color, texture and varied materials or other artistic elements		Mobile or scrapbook page contains only two of the following: color, texture, varied materials or other artistic elements		Mobile or scrapbook page contains only one of the following: color, texture or other artistic elements	Project not turned in.
Sturdiness	Project is sturdy made, can withstand three shakes without damage. No wet glue, or things falling off.		Project came in all together, but parts begin to fail after three shakes.		Project falling apart as it is brought in. Wet glue or other evidence of last minute construction.	Project not turned in.
Neatness	Project is neat, words are typed	Project is neat, words are neatly printed.	Project is moderately neat. Some areas difficult to read.	Project is somewhat neat. Many areas difficult to read.	Words on the project are difficult to read, poor handwriting.	Project not turned in.
Works Cited Points are per source	Works Cited page includes the source listed completely and correctly in MLA style.	Works Cited page includes the source completely but not correctly in MLA style.	Works Cited page includes the source listed correctly in MLA style but the source data is not complete	Works Cited page includes a website only	Works Cited attempted but missing most of the important data	Works cited page not included.