

Element: _____

There are 115 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 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.

Your mobile must:

1. Be able to be hung from the ceiling (approximately 18" max height).
2. Be of sturdy construction; don't slap it together last minute.
3. Reflect proper spelling and sentence structure when appropriate.
4. Be able to be read from a meter away.
5. Demonstrate your unique sense of 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 above 11 requirements.
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	Mobile contains the factual data and all included information is correct	Mobile 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.		Project is not a mobile, but was still presented in a manner that allowed it to be hung.		Project is not a mobile, and was not presented in a manner that allowed it to be hung.	Project not turned in
Color/Texture/ Other Artistic Elements	Mobile contains color, texture and varied materials or other artistic elements		Mobile contains only two of the following: color, texture , varied materials or other artistic elements		Mobile 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.		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 moderatly neat. Some areas diffiucult to read.	Project is somewhat neat. Many areas diffiucult 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 completly 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 attmpted but missing most of the important data	Works cited page not included.