

Science 1206 Alternate Project: Element Research

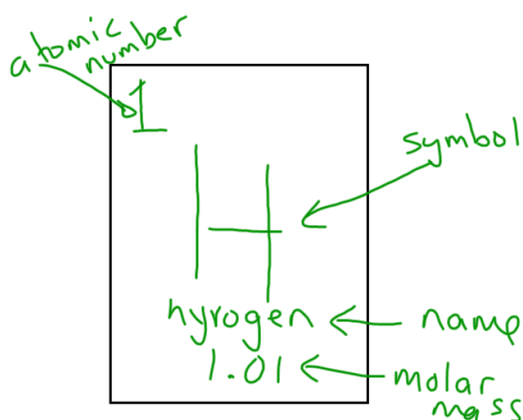
Materials: Card Stock Paper, Coloring Utensils!

You will need to sign up for elements before completing this project.

Research your chemical looking for the following items:

- Melting Point
- Boiling Point
- Specific Heat Capacity (might be called molar heat capacity)
- Density
- Magnetic Properties (if applicable)
- Physical Appearance (in pure form)
- Any odors
- 2 most common isotopes (give in isotope notation)
- Common uses / where you can find it in nature
- Any interesting facts about the element (ie Uranium was used in the first atomic bomb, abundance on Earth, etc)

On the front of your card stock, you need to first copy the element's block on the periodic table according to the diagram below:



Once done this, you need to draw pictures (at least 3, but it can be more!) showing where you can find this element – either in nature, or in items for human use. For example, you could draw the Hindenburg for hydrogen showing that it was used in blimps for lift before Helium was used....

You need to make the front of the block artistic – shade the background, use artistic block letters, full color drawings, etc.

On the back of your card stock, you need to write all the information researched above in point form. Include any references used in your research project (websites, books, etc).

For Each Poster your mark will be broken down as follows

Layout of Front:	5
Uses/Nature Locations	10
Creativity/Effort	15
Accuracy/Depth of Research	15
Layout of Back/References	5