



Name: _____

Period: _____

Assigned on Monday, September 29, 2025

7.1 What Element Are You?**Due Wednesday, October 01, 2025****Objectives**

- Discover some properties and uses of elements
- Learn about the meaning of “group” or “family” on the periodic table
- Help me know a little bit about you

Assignment

Research about some of the history, properties, and uses of various elements on the periodic table. Then think about yourself and see if you can find an element that you think symbolizes you in some way. This can be literal (“fluorine is highly reactive and gassy and so am I”), symbolic (“silicon somewhat conducts electricity and represents my desire to work between different groups to bring harmony”), or anything else you want (“Thorium is named after the Norse demi-god, Thor, and he is strong like I would like to be”).

You will then create a visual of your element and how it represents you. Your visual should fit the following criteria:

- Use a half sheet of paper.
- Draw the symbol of the element in the center of the sheet.
- Place the atomic number of the element in the top right of the sheet.
- List 5 properties of the element anywhere you’d like on the sheet.
- Place a statement of how the element represents you on the sheet anywhere you’d like.
- Draw a visual that represents you and the element.
- Make the sheet look nice...be creative! I’ve got markers, glue, paper, etc. 😊
- Place your name on the front or back...your choice. I will be hanging this up to make a class periodic table of sorts.

Resources

What type of element are you?: <https://teachchemistry.org/classroom-resources/what-type-of-element-are-you>

- A good start, but very limited in the number of elements it covers. Also, only gives you a family of elements as opposed to a specific element. But fun!

Periodic Table by the Royal Chemical Society: <https://periodic-table.rsc.org/>

- A very good resource with a lot of information about every element. Bonus: British spellings of elements!

The Periodic Table of Elements in Pictures and Words: <https://elements.wlonk.com/ElementsTable.html>

- Very basic, but cute. If you want limited information about each element so that you’re not overwhelmed, here it is.

Interactive Periodic Table of Elements from the Idaho National Laboratory: <https://inl.gov/periodic-table/>

- A nice compromise on good and interesting information without giving you too much. The Baby Bear from Goldilocks type of periodic table.

Do your own research using Google or Gemini

- There’s a lot of information out there...go find it if that’s your thing!