

Its Elemental Activity

Before beginning this activity read the information located at:

Wikipedia Periodic Table, http://en.wikipedia.org/wiki/Periodic_table

Some helpful websites include:

Wikipedia Discoveries of the Chemical Elements

http://en.wikipedia.org/wiki/Discoveries_of_the_chemical_elements

Wikipedia Abundance of Chemical Elements

http://en.wikipedia.org/wiki/Abundance_of_the_chemical_elements

Each student in the class will select a different element from the Periodic Table. You will create a **one page, double-spaced, typed** presentation on your element which includes:

1. element name, atomic weight, atomic number, density
2. notable characteristics
3. which chemical series it belongs to (alkali metals, alkaline earth metals, lanthanides, actinides, transition metals, poor metals, metalloids, nonmetals, halogens, noble gases)
4. whether its naturally a gas, liquid, or solid, and its melting and boiling points
5. its cosmic abundance
6. history of discovery including when and by whom
7. its biological role
8. precautions
9. other interesting information about your element

You may include pictures and/or information obtained from additional sources, however you **must** include all references used, even those listed by the instructor, and **type** this assignment in order to receive credit!