

Chapter 19 – Elements and Their Properties

I Can Statements

I can...

1. Distinguish a metal from a nonmetal based on properties.
2. I can define malleable and ductile.
3. Name the families of the periodic table.
4. Create an alloy in a simple alchemy lab.
5. Describe the basic process of how a transuranium element is created.
6. Discuss why alkali metals are so reactive.
7. Discuss why halogens are so reactive.
8. Discuss why noble gases are so unreactive.
9. Identify where the metalloids are at on the periodic table.
10. Recall the most abundant element in the atmosphere.
11. Recall the most abundant element in the crust.
12. Recall the most abundant metal in the crust.
13. Identify elements using the Bohr model of the atom
14. Determine the oxidation numbers of the elements
15. Explain why elements may lose or gain electrons