

Can I?

Chapter Two

- Can I list the important contributions made by the following scientists- John Dalton, JJ Thompson, Robert Millikan, Henri Becquerel, Ernest Rutherford and James Chadwick. And be able to describe their experiments?
- Can I Describe and draw the modern view of the atom?
- Can I describe the function and label in a picture the major parts of the atom?
- Can I identify isotopes of atoms given only their atomic mass?
- Can I distinguish between molecular and empirical formulas?
- Can I identify ions based on their location on the periodic table and explain the process of ionization?
- **Can I correctly write formulas for ionic compounds?**
- **Can I name inorganic compounds?**
- **Can I distinguish between an anion and a cation?**
- **Can I name acids?**
- **Can I name binary molecular compounds?**
- **Can I name BASIC organic compounds?**

You are not allowed to use the naming schemata in this Class.

The naming is the most important part of this chapter. Make sure you can name just about anything in the homework. The only way to become proficient at naming is to practice. Those of you who have had chemistry before should be able to pick naming up very quickly.