Unit 3 Ionic and Covalent Bonding

**Ohio 9th standards**

* + Bonding ( ionic and covalent)
  + Ions ( cations and anions)
  + Isotopes
  + nomenclature

**Archdiocese standards 8th grade**

* + understanding chemical bonding
  + recognize elements by symbol

**Concepts- Chapter 4**

Depict ionic and covalent bonds with formulas, names, Lewis dot diagrams and Bohr models

Identify type of bond based on elements involved

Identify characteristics of each type of bond

Read and convert formulas to names and names to formulas for both ionic and covalent bonds

Introduce the idea of electron configuration through exploration of the Bohr model