Chemistry Midterm Study Sheet

# Unit 1

* Chemical vs. Physical change
* Properties of solids, liquids, and gases
* Heating and Cooling Curves

# Unit 2

* Atom configuration (electrons, nucleus, etc.)
* Part 1: The Nucleus
  + Nuclear Charge
  + Isotopes
* Part 2: Electrons
  + Electron configurations
  + Bright Line Spectra

# Unit 3

* Periodic trends
  + Atomic Radius
  + Electronegativity
  + Valence Electrons
    - Lewis Structures
  + Classification of metal, metalloid, and nonmetal
* Periodic Table Organization: Look at the last lab!

# Unit 4

* Elements want to look like noble gases
  + Noble gases are stable
* Lewis Structures of ionic bonds
* Lewis Structures of covalent bonds