AP BIOLOGY – CH2 – CHEMICAL CONTEXT OF LIFE

Key Points to know:

* Figure 2.1 bombardier beetle defense (this was on video)
* Table 2.1 Elements in human body (know essential ones)
* Figure 2.5 Radioactive tracers
* Figure 2.6 PET scan using radioactive tracers to find cancer
* Figure 2.10 Covalent bonds share electrons
* Figure 2.11 Covalent bonds
* Figure 2.12 Polar covalent bonds in water
* Figure 2.13 Ionic Bonds transfer electrons
* Figure 2.14 Sodium chloride ionic bonded crystal
* Figure 2.15 Hydrogen bond
* Figure 2.16 Molecular shapes
* Figure 2.17 Molecular shapes and function
* Trace elements
* Isotopes
* Chemical reactions make and break bonds

Go over the Chapter 2 Review at the end of the chapter.