**Unit 3: Biochemistry**

**Tentative Timeline: October 9th - October 29th, 2013**

**Test: October 28th and 29th**

**Chapters: Chapter 2: The Chemistry of Life**

**ESSENTIAL QUESTION(S):** What are the basic chemical principles that affect living things?

**LEARNING GOALS:**

* Identify the three subatomic particles found in the atom
* Describe the structure of the atom
* Identify the key elements in biological systems
* Distinguish between organic and inorganic molecules
* Basic understanding of the periodic table
* Distinguish between the various macromolecules

**Key Vocabulary for Unit 3**

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| * **Atom**
* **Nucleus**
* **Electron**
* **Proton**
* **Neutron**
* **Atomic Number**
* **Mass Number**
* **Carbohydrate**
* **Lipid**
* **Protein**
 | * **Chemical Reaction**
* **Reactant**
* **Product**
* **Activation Energy**
* **Catalyst**
* **Enzyme**
* **Substrate**
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ASSIGNMENTS FOR UNIT 2:

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