**Characteristics of Cells Study Guide – Unit 1 Sections 1,2,and 4**

**Topic 1: Characteristics of Cells**

Vocabulary Words to know – cell, organism, cell membrane, cytoplasm, organelle, nucleus, prokaryote, eukaryote tissue, organ, organ system, structure, and function

Concepts – 1. What are living things made of? 2. What is the history of the cell? 3. How are they organized? 4. What does the Cell Theory say about them?

**Topic 2: Chemistry of Life**

Vocabulary Words to Know – atom, molecule, lipid, protein, carbohydrate, nucleic acid, and phospholipid.

Concepts – What are the building blocks of organisms? What are the common elements in life? What are the common compounds for life? What is the function of each compound?

**Topic 3: Cellular Organization**

Vocabulary Words to Know – tissue, organ, organ system, structure, and function

Concepts – How are living things organized? How does a multicellular organism become specialized?

**Resources to Study –** Cornell notes, vocabulary foldables, text book Chapter 1 sections 1,2, and 4

Good Luck!!!