Course Title: Anatomy ad Physiology Quarter: Academic Year:

Essential Questions for this Quarter:							
1. How do you determine if an object is living or nonliving? 2. What impact does the environment have on a population?							
Unit/Time Frame Standards		Content	Skills	Assessment	Resources		
Intro to Human A&P		Anatomical terms, body regions, relative positions	Describe the functions of living organisms, explain the relationship between anatomy and physiology, Use anatomical terms to describe body sections, body regions and positions				
Chemical Basis of Life		Chemical reactions that occur in body	Understand the chemical reactions that take place in the body. Identify the different macromolecules and their function in the body. Describe what is meant by polarity and solubility				
Cells		Eukaryotic and prokaryotic cells. Cell transport.	Compare and contrast eukaryotic and prokaryotic cells, describe the cell theory, Obtain a working knowledge of passive and active transport.				
Tissues		Types of Tissues and their functions	Identify the basic tissue types; discuss the function of each tissue type				
Skeletal System		Types of bone tissue, overview of how bone grows and learn 206 bones of the body.	Identify the structure and function of bone tissue, bone markings and all bones of the skeleton				
Muscular System		Learn difference between smooth, skeletal and cardiac muscle tissue. Focus on physiology of muscle.	Compare and contrast the structure and function of the three types of muscle tissue; explain steps involved in contraction of skeletal muscle				

Trace and describe the blood flow

Learns the organs of the

Cardiovascular System

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