

Curriculum at a Glance

Anatomy

<u>Time Frame</u>	<u>Content (Nouns)</u>	<u>Skills (Verbs)</u>
Q1 – 1 week	Body Systems & Regions Medical Terminology Healthcare professionals	Recognize major body functions and their functions. Define vocabulary specific to anatomy
Q1 - 1 & ½ weeks	Organic chemistry Microscope use	Identify major chemical building blocks of the body. Use a microscope for observations.
Q1 – 1 week	Cell basics Diffusion Mitosis	Identify cell organs and functions. Recognize various forms of diffusion. Understand process of cell division.
Q1 – 1 & ½ weeks	Tissue Research Connective Tissue Diseases	Recognize the structure and function of various tissues in the body. Present research information

Q1 – 2 weeks	Integumentary System Wound Healing	Identify the major structures in the skin tissue. Explain the process of wound healing.
Q1- 2 weeks	Skeleton structure Bone formation Joint Disorders	Identify the bones of the body. Explain the steps in bone formation. Recognize basic joint disorders.
Q2- 2 weeks	Nervous System Brain Nervous System Disease Dissection	Identify the structure of neurons Generalize the function of various lobes of the brain Define nervous system diseases Use proper technique to dissect brain
Q2 – 1 week	Senses	Explain the role of the brain in sense of touch, taste, hearing & seeing. Identify the major structures involved with the various senses.
Q2- 2 weeks	Endocrine System Endocrine Hormones Endocrine Diseases	Identify the major organs of the system. Recognize the function of various endocrine hormones. Analyze the role of hormones in diseases.

<p>Q2 – 2 weeks</p>	<p>Cardiovascular System</p> <p>Blood</p> <p>Genetics</p> <p>Heart</p>	<p>Identify structures found in cardiovascular system.</p> <p>Recognize the role of blood in body.</p> <p>Interpret basic genetic problems.</p> <p>Explain the flow of blood through the heart.</p>
<p>Q2 – 2 weeks</p>	<p>Major Body Systems</p> <p>Shark Dissection</p>	<p>Define the function of the major body systems.</p> <p>Identify the major organs in a shark dissection.</p>