



Anatomy and Physiology
Year at a Glance (YAG)
2021-2022



First Semester		Second Semester	
1 st Nine Weeks – 40 days		3 rd Nine Weeks – 45 days	
<p>TEKS 3A, B 6A, B, D 7A 9C 11C</p> <p>7A, B 10A 11A, D 13A, B</p> <p>6A, D 11A-D 13A, B</p>	<p>Orientation to the Human Body Student will be able to (SWBAT) identify some of the early discoveries that led to our current understanding of the human body. SWBAT explain how Anatomy and Physiology are related. SWBAT list the levels of organization in the human body and the characteristics of each. SWBAT Explain the importance of homeostasis to survival. SWBAT to organize the human body based on cavities, regions, systems, and general functions SWBAT properly use Anatomical terminology.</p> <p>Integumentary System SWBAT describe the layers of the skin and explain the factors that determine skin color. SWBAT describe the accessory structures of the skin, explain the functions of the accessory structures. SWBAT list various skin functions, describes wound healing, distinguish among types of burns.</p> <p>Skeletal System SWBAT classify bones, bone shape, and structure SWBAT discuss the major functions of bones.</p>	<p>TEKS 8A 10A 11A, C</p> <p>4D 6C 7A 9B</p> <p>4D 5D 6D 8B,C 9A-C 11A-D 13A, B</p>	<p>Nervous System SWBAT describe the general functions of the nervous system, describe the parts of the neuron. SWBAT describe the classification of cells of the Nervous system and explain the synapse. SWBAT describe the divisions of the divisions of the nervous system.</p> <p>Blood SWBAT distinguish between the different blood cells. SWBAT define hemostasis, and explain the mechanisms that help achieve. SWBAT explain blood groups and transfusions.</p> <p>Cardiovascular System SWBAT explain the roles of the heart and blood vessels in circulating the blood. SWBAT identify, distinguish, and describe the heart and all its parts SWBAT explain how blood pressure is produced and controlled.</p>
2 nd Nine Weeks – 43 days		4 th Nine Weeks – 45 days	
<p>TEKS 6A, D 11A-D 13A, B</p> <p>6A-E 8A, B 11A, B, D</p>	<p>Skeletal System SWBAT distinguish between the types of bone development. SWBAT distinguish between axial and appendicular skeletons. SWBAT locate and identify bones and the major features of bones, describe the differences between male and female.</p> <p>Muscular System SWBAT describe the structure of skeletal muscles, smooth muscles, cardiac muscle and its major parts. SWBAT describe the neural control muscles, muscular responses. SWBAT identify and locate skeletal muscles of each body region and describe the actions.</p>	<p>TEKS 4C 5B, C 7A 11A-D 13B</p> <p>4F 11A 12B</p>	<p>Digestive System SWBAT identify the process and structures of the digestive system. SWBAT describe the functions associated with mouth. SWBAT explain the movement of material through the alimentary canal.</p> <p>Reproductive Systems SWBAT analyse the relationship between structure and function(s) of each part of the male and female reproductive systems SWBAT explain how hormones control activities of the male and female reproductive organs and the development of secondary sex characteristics.</p>



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			SWBAT describe the several methods of birth control including the relative effectiveness of each method.
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Resources

1st Nine Weeks	2nd Nine Weeks	3rd Nine Weeks	4th Nine Weeks
Anatomy and Physiology Textbook Vernier Probeware & Software Microscopes and slides	Anatomy and Physiology Textbook Vernier Probeware & Software Various models and preserved specimens	Anatomy and Physiology Textbook Vernier Probeware & Software Various models and preserved specimens	Anatomy and Physiology Textbook Vernier Probeware & Software Various models and preserved specimens