Anatomy and Physiology
Year at a Glance (YAG)
2023-2024

First Semester

1st Nine Weeks

TEKS	Orientation to the Human Body
3A, B 6A, B, D 7A 9C 11C	Students will be able to (SWBAT) identify some of the early discoveries that led to our current understanding of the human body. SWBAT explains how Anatomy and Physiology are related. SWBAT lists 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 uses Anatomical terminology.
7A, B 10A 11A, D 13A, B	**Integumentary System** SWBAT describes the layers of the skin and explains the factors that determine skin color. SWBAT describe the accessory structures of the skin, explain the functions of the accessory structures. SWBAT lists various skin functions, describes wound healing, and distinguishes among types of burns.
6A, D 11A-D 13A, B	**Skeletal System** SWBAT classify bones, bone shape, and structure SWBAT discusses the major functions of bones.

2nd Nine Weeks

TEKS	Skeletal System
6A, D 11A-D 13A, B	SWBAT distinguishes between the types of bone development. SWBAT distinguishes between axial and appendicular skeletons. SWBAT locate and identify bones and the major features of bones, describe the differences between male and female.
6A-E 8A, B 11A, B, D	**Muscular System** SWBAT describes the structure of skeletal muscles, smooth muscles, cardiac muscle and its major parts. SWBAT describes the neural control muscles, muscular responses. SWBAT identifies and locates skeletal muscles of each body region and describes the actions.

Second Semester

3rd Nine Weeks

TEKS	Nervous System
8A 10A 11A, C	SWBAT describes the general functions of the nervous system, and describes the parts of the neuron. SWBAT describes the classification of cells of the Nervous system and explains the synapse. SWBAT describes the divisions of the divisions of the nervous system.
4D 6C 7A 9B	**Blood** SWBAT distinguishes between the different blood cells. SWBAT defines hemostasis, and explains the mechanisms that help achieve. SWBAT explains blood groups and transfusions.
4D 5D 6D 8B,C 9A-C 11A-D 13A, B	**Cardiovascular System** SWBAT explains the roles of the heart and blood vessels in circulating the blood. SWBAT identify, distinguish, and describe the heart and all it parts SWBAT explains how blood pressure is produced and controlled.

4th Nine Weeks

TEKS	Digestive System
4C 5B, C 7A 11A-D 13B	SWBAT identifies the process and structures of the digestive system. SWBAT describes the functions associated with the mouth. SWBAT explains the movement of material through the alimentary canal.
4F 11A 12B	**Reproductive Systems** SWBAT analyze the relationship between structure and function(s) of each part of the male and female reproductive systems SWBAT explains how hormones control activities of the male and female reproductive organs and the development of secondary sex characteristics.

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

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