

East Carter County High School
Anatomy/Physiology Pacing Guide

Content Area: Anatomy/Physiology

Grade: 11-12

Quarter	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
1									
	<p>Chapter 1: Overview of the Body–Directional Orientation; directional planes; positions; movement; body regions; body cavities (3 weeks)</p> <p>Chapter 2: The Body’s Chemical Make up–atoms and molecules; acids and bases; human molecules; molecules and nutrition; wellness and illness over the lifespan (3 weeks)</p> <p>Chapter 3: Organization of the human body–Hierarchy of human structure; the human physiological environment; cell structure; cell function; Tissues; organs and systems; wellness and illness over the lifespan (2)</p>								
2									
	<p>Chapter 4: The Skin and Its Parts–Integumentary System; skin structure; skin appendages; functions of the integumentary system; pathology of the integumentary system; aging of the integumentary system (2 weeks)</p> <p>Chapter 5: The skeletal System–Axial skeleton; appendicular skeleton; bone types; bone structure; joints; bone development and healing; pathology of the skeletal system; aging of the skeletal system (3 weeks)</p> <p>Chapter 6: The muscular System–Muscle; musculature; pathology of the musculature, aging of the muscular system (3 weeks)</p>								

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3									
	<p>Chapter 7: The endocrine glands and hormones–Hormone function; endocrine secretions; types of hormones; the endocrine glands; pathology of the endocrine system; aging of the endocrine system (2 weeks)</p> <p>Chapter 8: Functions of the nervous system–types of nervous system cells; neuron physiology; types of neuron communication; reflexes; pathology of the nervous system; aging of the nervous system (2 weeks)</p> <p>Chapter 9: Structure of the nervous system–Nerve Structure; nervous system components; human senses; wellness and illness over the lifespan (2 weeks)</p> <p>Chapter 10: the respiratory System–Components of the human respiratory system; breathing; pathology of the respiratory system; aging of the respiratory system (3 weeks)</p>								
4									
	<p>Chapter 11: The cardiovascular System; Circulatory system vessels; Structure of the human heart; human heart function; electrocardiography basics; pathology of the cardiovascular system; aging of the cardiovascular system (3 weeks)</p> <p>Chapter 12: The lymphatic system and the blood–Blood cells; blood cell function; blood cell formation; lymphatic system; immunization and vaccination; wellness and illness over the lifespan (2 weeks)</p> <p>Chapter 13: The digestive system–The digestive process; components of the digestive system; glandular structures of the digestive system; wellness and illness over the lifespan. (2 weeks)</p> <p style="text-align: center;">Preparing for/taking finals (week 8)</p>								

