UNIT 1: ORIENTATIONS & LANDMARKS AND SENSORY			
Big Questions		Formative / Summative Assessments Formative and summative assessments created by teachers/teams	
How do the nose, eyes, skin, and brain function to receive and it How do we describe body landmarks, sections, and orientations		Options include, but are not limited • Unit test	l to:
Curriculum Benchmark	Description of v show to demor	of Proficiency what students must enstrate proficiency teachers/teams)	Resources/Activities
Identify and discuss the structures and functions of the sensory system			 Textbook: Essentials of Human Anatomy and Physiology, Ch. 4 and 8 DVD: "Pushing the Limits" DVD: "Uncovering Skin" Optional eye dissection
Use anatomy vocabulary to describe body landmarks, orientations, and sections			Textbook: Essentials of Human Anatomy and Physiology, Ch. 1
Identify and discuss the structures and functions of generalized cells and tissues			Textbook: Essentials of Human Anatomy and Physiology, Ch. 3

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UNIT 2: BODY CAVITIES, ENDOCRINE, AND DIGESTIVE			
Big Questions		Formative / Summative Assessments Formative and summative assessments created by teachers/teams	
What are the structures and functions of the digestive system? How does the endocrine system regulate body processes? What impact do diabetes, eating disorders and obesity have on in	ndividuals and society?	Options include, but are not • Unit test	
Curriculum Benchmark	Description of v show to demon	of Proficiency what students must astrate proficiency eachers/teams)	Resources
Identify and discuss the structures and functions of the digestive system			 Textbook: Essentials of Human Anatomy and Physiology, Ch. 14 Video: "Student Video Series for Human Anatomy and Physiology"
Identify and discuss the structures and functions of endocrine system			Textbook: Essentials of Human Anatomy and Physiology, Ch. 9
Discuss the impact that diabetes, obesity and eating disorders have on individuals and society			 Video: "Big as Life: Obesity in America" Language of Cells: Fat A Map of the Child: Guts
Associate the names with the locations of body cavities			Textbook: Essentials of Human Anatomy and Physiology, Ch. 1

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UNIT 3: CELL CYCLE, HEALTHCARE, SKELETAL, MUSCULAR, DEATH AND DYING			
Big Questions	Formative / Summative Assessments		
	Formative and summative assessments created by teachers/teams		
1. How does cell behavior differ in healthy cells and cancerous cells?	Options include, but are not limited to:		
2. What are personal and societal expectations of health care providers?	• Unit test		
3. How does health insurance work?			
4. What are the structures and function of the skeletal system?			
5. What are the structures and functions of the muscular system?			
6. What are the legal and societal issues surrounding death?			
7. How does the organ donation process work?			
	l l		

Curriculum Benchmark	Standards of Proficiency Description of what students must show to demonstrate proficiency (created by teachers/teams)	Resources
Describe the cell cycle in healthy and cancerous cells		 Textbook: Essentials of Human Anatomy and Physiology, Ch. 3 Language of Cells: Working through Images
Analyze the Hippocratic Oath, and discuss personal and societal expectations of health care providers; understand the American health insurance system; discuss the process of organ donation		DVD: "The Doctor"DVD: "John Q"DVD: "Fighting for Care"
Identify and discuss the structures and functions of the skeletal system		 Textbook: Essentials of Human Anatomy and Physiology, Ch. 5 Death's Acre: Bare Bones Video: "Student Video Series for Human Anatomy and Physiology"
Identify and discuss the structures and functions of the muscular system		 Textbook: Essentials of Human Anatomy and Physiology, Ch. 6 Video: "Student Video Series for Human Anatomy and Physiology"
Identify the legal definition of death, and discuss societal rituals		DVD: "Mortuary Science" Stiff: How to Know if You're Dead

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UNIT 4: NERVOUS SYSTEM				
Big Questions 1. What are the structures and functions of the nervous system? 2. What are the characteristics of, and personal and societal implicate spinal cord injuries, and autism? 3. How does the teenage brain differ from the adult brain?	ations of, Alzheimer's, addiction,		ive/ Summative Assessments ummative assessments created by teachers/teams ited to:	
Curriculum Benchmark Identify and discuss the structures and functions of the nervous system	Description of show to demon	of Proficiency what students must nstrate proficiency teachers/teams)	 Resources Textbook: Essentials of Human Anatomy and Physiology, Ch. 7 DVD: "Pushing the Limits" 	
Discuss the characteristics of, and personal and societal implications of, Alzheimer's, addiction, spinal cord injuries, and autism			Video: "Student Video Series for Human Anatomy and Physiology" Language of Cells: Old Soldier Language of Cells; Early Alzheimer's DVD: "Constant Craving"	
Describe how the teenage brain functions, emphasizing the development of the brain from teenage to adulthood			Frontline: Inside the Teenage Brain	

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UNIT 5: BLOOD AND CARDIOVASCULAR				
Big Questions		Formative / Summative Assessments Formative and summative assessments created by teachers/teams		
 What are the structures and functions of blood? What are the structures and functions of the cardiovascular system? 		Options include, but are no • Unit test	ot limited to:	
Curriculum Benchmark	Description of show to demon	of Proficiency what students must astrate proficiency eachers/teams)	Resources	
Identify and discuss the structures and functions of blood			 Textbook: Essentials of Human Anatomy and Physiology, Ch. 10 DVD: "Hemo the Magnificent" Blood-typing Lab Language of Cells: Burden of Sickle Cells Map of the Child: Blood 	
Identify and discuss the structures and functions of the cardiovascular system			 Textbook: Essentials of Human Anatomy and Physiology, Ch. 11 Online case study: Anyone with a Heart 	

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UNIT 6: REPRODUCTION			
Big Questions 1. What are the structures and functions of the male and female reproductive systems? 2. How does birth control work? 3. How is sex determined, and what are the personal and societal issues related to gender?		Formative / Summative Assessments Formative and summative assessments created by teachers/teams Options include, but are not limited to: • Unit test	
Curriculum Benchmark	Description of show to demon	of Proficiency what students must instrate proficiency teachers/teams)	Resources
Identify and discuss the structures and functions of the reproductive system		,	 Textbook: Essentials of Human Anatomy and Physiology, Ch. 16 Video: "Student Video Series for Human Anatomy and Physiology"
Explain how birth control methods interfere with the anatomy and physiology of a male or female			Textbook: Essentials of Human Anatomy and Physiology, Ch. 16
Explain how sex is determined, and discuss the personal and social issues related to gender			Video: "Gender; Unknown"

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UNIT 7: BIOETHICS			
Big Questions		•	Summative Assessments tive assessments created by teachers/teams
What are bioethical issues related to human anatomy and physio How can we use the principles of ethical decision making model arrive at a conclusion?		Options include, but are not limited t • Bioethics research and position	
Curriculum Benchmark	Description of show to demo	of Proficiency what students must nstrate proficiency teachers/teams)	Resources
Identify bioethical issues related to human anatomy and physiology, and use the principles of ethical decision making model to examine the issue			 Principles of Ethical Decision Making Video: "A Question of Genes: Inherited Risks"

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READING IN THE CONTENT AREA FOR GRADES 11-12: (Ta	Activities	How Assessed
Cite specific textual evidence to support analysis of technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account (11.13.1.1)		
Determine the central ideas or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms (11.13.2.2) (All units/All quarters)	Worksheets, activities	Homework, tests
Follow precisely a complex multistep procedure when carrying out experiments, designing solutions, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text (11.13.3.3).		
Determine the meaning of symbols, equations, graphical representations, tabular representations, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11-12 texts and topics (11.13.4.4)		
Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas (11.13.5.5).		
Analyze the author's purpose in describing phenomena, providing an explanation, describing a procedure, or discussing/reporting an experiment in a text, identifying important issues and questions that remain unresolved (11.13.6.6).		
Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem (11.13.7.7). (All units/All quarters)	Worksheets, activities, research	Homework, tests
Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information (11.13.8.8).		
Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible (11.13.9.9). (All units/All quarters)	Worksheets, activities, research	Homework, tests
By the end of grade 12, read and comprehend technical texts in the grades 11-12 text complexity band independently and proficiently (11.13.10.10).		

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