

Options EHS Anatomy & Physiology C		Scope and Sequence
Unit	Lesson	Objectives
Integumentary, Lymphatic, and Immune Systems		
	Introduction	
	The Integumentary System	
		Analyze the structure of the integumentary system
		Describe the three layers of skin
		Analyze the functions of the integumentary system
		Explain how the integumentary system helps achieve homeostasis
	Common Diseases and Disorders of the Integumentary System	
		Identify common diseases and disorders of the integumentary system
		Analyze the symptoms and treatments of common diseases and disorders of the integumentary system
		Explain methods of preventing common diseases and disorders of the integumentary system
	Integumentary System Career Specialties	
		Describe a variety of health science career specialties related to the integumentary system
		Explain the career pathways for careers related to the integumentary system
		Identify specialized trainings and certifications necessary for specialists in integumentary systems
	The Lymphatic System	
		Analyze the structure of the lymphatic system
		Define lymph nodes and identify lymphatic organs
		Analyze the functions of the lymphatic system
		Explain why the lymphatic system is considered part of the circulatory system

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	Common Diseases and Disorders of the Lymphatic System	Identify common diseases and disorders of the lymphatic system
		Analyze the symptoms and treatments of common diseases and disorders of the lymphatic system
		Explain methods of preventing common diseases and disorders of the lymphatic system
	The Immune System	Analyze the structure and functions of the immune system
		Identify the different types of immunity and immune responses
		Define and describe immunizations
		Explain how the lymphatic system is related to immunity
	Common Diseases and Disorders of the Immune System	Identify common diseases and disorders of the immune system
		Analyze the symptoms and treatments of common diseases and disorders of the immune system
		Explain methods of preventing common diseases and disorders of the immune system
	Immune System Career Specialties	Analyze a variety of health science careers that specialize in the immune system
		Explain the career pathways for careers related to the immune system
		Identify specialized trainings and certifications necessary for specialists in immune systems
	Summary	
	Unit Test	
Digestive, Urinary, and Endocrine Systems		
	Introduction	

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The Digestive System

Analyze the functions of the digestive system

Describe the upper and lower gastrointestinal tracts

Explain the digestive process

Common Diseases and Disorders of the Digestive System

Identify common diseases and disorders of the digestive system

Analyze the symptoms and treatments of common diseases and disorders of the digestive system

Explain methods of preventing common diseases and disorders of the digestive system

Digestive System Career Specialties

Analyze a variety of health science careers that specialize in the digestive system

Explain the career pathways for careers related to the digestive system

Identify specialized trainings and certifications necessary for specialists in the digestive system

The Urinary System

Analyze the structure and function of the urinary system

Describe the role of the kidneys

Explain urine production and analyze factors that can impact it

Common Diseases and Disorders of the Urinary System

Identify common diseases and disorders of the urinary system

Analyze the symptoms and treatments of common diseases and disorders of the urinary system

Explain methods of preventing common diseases and disorders of the urinary system

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	Urinary System Career Specialties	
		Analyze a variety of health science careers that specialize in the urinary system
		Explain the career pathways for careers related to the urinary system
		Identify specialized trainings and certifications necessary for specialists in the urinary system
	The Endocrine System	
		Analyze the structure and functions of the endocrine system
		Describe the role of hormones in the endocrine system
		Identify some hormones that are secreted by organs and glands
		Analyze life span changes that are controlled by the endocrine system
	Common Diseases and Disorders of the Endocrine System	
		Identify common diseases and disorders of the endocrine system
		Analyze the symptoms and treatments of common diseases and disorders of the endocrine system
		Explain methods of preventing common diseases and disorders of the endocrine system
	Endocrine System Career Specialties	
		Analyze a variety of health science careers that specialize in the endocrine system
		Explain the career pathways for careers related to the endocrine system
		Identify specialized trainings and certifications necessary for specialists in the endocrine system
	Summary	
	Unit Test	
Human Reproduction and Development		
	Introduction	

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	The Reproductive System	<p>Define reproductive system</p> <p>Analyze the structure and functions of the male reproductive system</p> <p>Analyze the structure and functions of the female reproductive system</p>
	Male Reproductive System	<p>Analyze the anatomy and functions of the male reproductive system</p> <p>Explain the changes that occur in the male reproductive system during older adulthood</p>
	Female Reproductive System	<p>Analyze the anatomy and functions of the female reproductive system</p> <p>Explain the changes that occur in the female reproductive system during older adulthood</p>
	Reproduction	<p>Identify the sex cells that are central to reproduction in humans</p> <p>Analyze the process of conception</p> <p>Explain possible reasons that conception may not occur</p>
	Pregnancy	<p>Summarize how human life begins from conception</p> <p>Analyze the stages of pregnancy</p> <p>Analyze the physical and emotional effects of childbirth on the mother</p> <p>Identify cultural practices related to pregnancy and childbirth</p>
	Common Diseases and Disorders of the Reproductive System	<p>Identify common diseases and disorders of the reproductive system</p> <p>Analyze the symptoms and treatments of common diseases and disorders of the reproductive</p>

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		system
		Explain methods of preventing common diseases and disorders of the reproductive system
	Reproductive System Career Specialties	
		Analyze a variety of health science careers that specialize in the reproductive system
		Explain the career pathways for careers related to the reproductive system
		Identify specialized trainings and certifications necessary for specialists in the reproductive system
	Human Growth and Development	
		Analyze the developmental changes that occur during childhood, adolescence, and adulthood
		Describe the importance of childhood development
	Death and Dying	
		Explain the biological process of death and dying
		Analyze various causes of death
		Describe the loss of body function that results in death
		Explain the biological factors of life extension
	Summary	
	Unit Test	
Cumulative Exam		
	Cumulative Exam Review	
	Cumulative Exam	