Chilton Public Schools Curriculum Document

Curricular Area: Advanced Biology –Human Anatomy and Physiology **Grade: 12**

Course Title (if different than Curricular Area):

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
X	A12.1 12.2, 12.3, 12.4 B12.1, 12.3, 12.5, 12.6 C12.1 12.4 D.12.1 12.2 12.3 12.4			B.12.1, B.12.2, B12.5	19 – Science Inquiry	Relationships between structure and function - Seven levels of organization - +/- feedback - Homeostasis			X	X	X	X
X	Same			B.12.1, B.12.2, B.12.3, B.12.4, B12.5	19 – Science Inquiry 24- Personal & Social	Science as a human endeavor			X	X		
X	Same			C12.2, C12.3	19 Science Inquiry	Measurement and SI units				X	X	X
X	Same			B.12.2, B12.4 C12.5, C12.1 G12.1 G12.2, G12.3, G12.4, G12.5	23 – Science & Tech. 19 – Science Inquiry	Effects of (STS) science, technology and society			X	X		
	Same			B12.3	21 – Life Science Characteristic of organisms Diversity and adaptations	Understand organizational levels of an organism			X	X		

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X	Same			F12.1, F12.2	20 – Physical Science Chemical Reactions	Understand the cellular processes			X	X		
X	Same			G12.3, G12.4	23- Science & Tech.	Demonstrate proper microscopy technique			X	X	X	
X	Same			F12.1, F12.2	21- Life Science The cell	Summarize basic cell taxonomy			X	X	X	
	Same			B12.4, C12.1, H12.3, H.12.4	19 – Science Inquiry	Applied science vs. pure science			X	X		
X	Same			A12.1, A12.2, C.12.1,C.12.2, C.12.3, C.12.4, C.12.5, C.12.6, G12.1, G12.2, G12.3 G12.4, G12.5, H12.2 H12.3, H12.4	19 – Science Inquiry	Scientific methods and techniques			X	X		
X	Same			F.12.7, F.12.8, F12.9, F12.10,	21- Life Science Characteristics of organisms Diversity and adaptations	Integumentary System - Structure and Function - Histology			X	X	X	
X	Same			F12.7, F12.8, F12.9, F12.10, F12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Skeletal System - Structure and Function - Histology			X	X	X	

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X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Muscular System - Structure and function - Histology			X	X	X	
X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Understand basic biochemical process			X	X		
X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Digestive System - Chemical & Physical digestion - Structure / function - Histology			X	X		
X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Circulatory System - Organs - Structure/Function - Histology						
X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Respiratory System - Organs - Structure Function - Histology						

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X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Nervous System - Organs - Structure Function - Histology			X	X	X	
X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Endocrine System - Organs - Structure Function - Histology			X	X	X	
X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Lymphatic System - Organs - Structure Function - Histology			X	X	X	
X	Same			H12.1, H12.2, H12.3, H12.4, H12.5, H12.5, H12.6	21- Life Science Reproduction and Heredity 24 – Personal & social	Articulate the realities, promises, and fears of genetic engineering		X	X			
X	Same			F12.1, F12.2, F12.3, F12.4, F.12.5, F.12.6 F.12.9 F.12.10, F.12.11	21- Life Science Characteristics of organisms Diversity and adaptations	Lymphatic System - Organs - Structure Function - Histology			X	X	X	

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