

Chilton Public Schools Curriculum Document

Curricular Area: Science
Course Title: Unit 1-Life

Grade: 7

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concept	NT	I	D	R	M	R
X				A.8.1, A.8.4, A.8.5, A.8.8, B.8.1, B.8.6, C.8.1, E.8.5, F.8.4, F.8.6, G.8.3, G.8.5, H.8.1,	19. Science Inquiry 21. Life Science 23. Science & Tech. 25. History & Nature of Science	Life Exploration -Living Things -Origin of Life -What is Science?			X			
X				A.8.1, A.8.3, A.8.4, A.8.5, A.8.6, A.8.7, B.8.1, B.8.5, B.8.6, F.8.1, F.8.4, F.8.5, G.8.2, G.8.3, H.8.3,	19. Science Inquiry 21. Life Science 23. Science & Tech. 24. Personal & Social Perspectives in Science	The Structure of Viruses & Cells -Viruses -Cells: The Units of Life -Cell Organization			X			
X		X		C.8.3, C.8.11, F.8.1, F.8.3, F.8.6, F.12.11	19. Science Inquiry 21. Life Science	Cell Processes -Chemistry of Living Things -Cell Transport -Energy in Cells			X			
X				C.8.4, F.8.5, F.8.6	19. Science Inquiry 21. Life Science	Cell Reproduction -Cell Growth & Division -Meiosis -DNA			X			

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Curricular Area: Science

Grade: 7

Course Title: Unit 2-Heredity & Evolution

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Objective	NT	I	D	R	M	R
X				A.8.4, B.8.2	21. Life Science	Heredity -Genetics -Genetics since Mendel -Human Genetics -Human Genome Project			X			
X				A.8.5, B.8.1, B.8.2, E.8.5, F.8.7, F.8.9	21. Life Science 25. History & Nature of Science	Evolution -Mechanisms of Evolution -Evidence for Evolution -Primate Evolution -Extinction & Evolution			X	X		

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Grade: 7

Course Title: Unit 3-Diversity of Life

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Objective	NT	I	D	R	M	R
X		X		F.8.9, F.8.10, F.12.5	21. Life Science	Classifying Living Things -What is Classification? -Modern Classification -Identifying Organisms			X	X		
X		X		B.8.2, F.8.5, F.8.7, F.8.8, G.8.3	21. Life Science	Bacteria -Two Kingdoms -Bacteria in your Life		X		X		
X		X		F.8.1, F.8.8, F.12.6, F.12.7,	21. Life Science	Protists & Fungi -Kingdom Protista -Kingdom Fungi		X		X		

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Curricular Area: Science

Course Title: Unit 4-Animals

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Objective	NT	I	D	R	M	R
		X		A.8.1, A.8.5, B.8.2, F.8.1, F.8.5,	21. Life Science	Introduction to Animals		X	X	X		
		X		A.8.1, A.8.5, B.8.2, F.8.1, F.8.5,	21. Life Science	Mollusks, Worms, Arthropods, & Echinoderms		X	X	X		
		X		A.8.1, A.8.5, B.8.2, F.8.1, F.8.5,	21. Life Science	Fish, Amphibians & Reptiles		X	X	X		
		X		A.8.1, A.8.5, B.8.2, F.8.1, F.8.5,	21. Life Science	Birds & Mammals		X	X	X		

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Grade: 7

Curricular Area: Science

Course Title: Unit 5-The Human Body

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Objective	NT	I	D	R	M	R
X	X			F.8.1, F.8.6, G.8.2, H.8.3	21. Life Science 23. Science & Technology	Bones, Muscles & Skin -The Skeletal System -Biomaterial for Speeding Bone Fracture Recovery -The Muscular System -The Integumentary System		X	X	X		
X	X			F.8.1, F.8.6, H.8.3	21. Life Science 23. Science & Technology	Nutrients & Digestion -Nutrition -Nutrients Combat Cancer -The Digestive System		X	X	X		
X	X			F.8.1, F.8.6, C.8.8, H.8.3	21. Life Science 23. Science & Technology	The Circulatory System -Circulation -Growing Heart Valves -Blood		X	X	X		
X	X			F.8.1, F.8.6, H.8.3	21. Life Science 23. Science & Technology	Respiration & Excretion -The Respiratory System -Restricting of Cigarette Advertising -The Urinary System		X	X	X		