ROBERTH MAKE

Chilton Public Schools Curriculum Document

Curricular Area: Science Grade: 6th

Course Title: Chemistry/Matter

Course Title: Chemistry/Matter												
EE	IT	EV	EC	WI Academic	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
		ĺ		Standard								
X				B.8.5, C.8.1, C.8.2,	# 19-Science Inquiry	Scientific Method:			X	X	Х	
				C.8.3, C.8.6, C.8.8,	1	Abilities and						
				C.8.9, C.8.10		Understanding						
X				D.8.1, D.8.2,	# 20-Physical Science	Building blocks of			X	X	X	
				D.8.10	(structure of atoms)	matter						
X				D.8.2, D.8.3, D.8.4,	# 20-Physical Science	Physical and chemical			Х	X		
				D.8.7	(properties and	properties and changes						
					chemical reactions)	* *						
X	}			D.8.2	# 20-Physical Science	Three states of matter		T		Х	X	
					(properties)					1		
X				D.8.1, D.8.4	# 20-Physical Science	Properties of acids and		X	X			
					(properties and	bases						ļ
					chemical reactions)					ļ		
	A.8.2,			D.8.1	# 20-Physical Science	Research Project on an			X	X		
	A.8.3				(properties)	Element						
		<u> </u>			# 23-Science and	## T						
	ļ				Technology						ļ	
					(Understanding]	
					Science/tech.)							
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Curricular Area: Science Grade: 6th

Course Title: Weather (Cont.)

EE	IT	EV	EC	WI Academic	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
				Standard								
X				E.8.7	# 22-Earth and Space (The Universe)	The Life Cycle of a Star			X	X		
X				E.8.7, E.8.8	# 22-Earth and Space (The Universe) (Earth in the Solar System)	The Levels of Organization in the Universe			Х	X		
X			***************************************	D.8.8, E.8.7	# 22-Earth and Space (The Universe) # 20-Physical Science (Light, Heat, and Electricity)	Refraction and Reflection			Х	X		
X				D.8.8, E.8.7	# 22-Earth and Space (The Universe) # 20-Physical Science (Light, Heat, and Electricity	The Electromagnetic Spectrum		X	Х		AMA 7	
X				E.8.7	# 22-Earth and Space (The Universe)	The Big Bang Theory		X	Х	X		
X	A.8.4	a southern .	Account of the second of the s	A.8.4, A.8.5, B.8.1, B.8.2, B.8.5, E.8.7	# 22-Earth and Space (The Universe) # 25-History and Nature of Science (History of Science) # 23 Science and Technology (Understanding Science/Tech.)	Ancient Cultures and Astronomy: Constellations			X	X		
X				A.8.4, A.8.5, B.8.1, B.8.2, B.8.5, E.8.7	# 22—Earth and Space (The Universe) # 25—History and	Dynamics of Science	****	X	X	X		

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Course Title: Weather (Cont.)

			Nature of Science (Nature of Science)					
Х		A.8.4, A.8.5, B.8.1, B.8.2, B.8.3, E.8.7	# 22-Earth and Space (The Universe)	Today's Model of the Universe		X	X	
	A.8.4 and A.8.5	E.8.7, E.8.8	# 22-Earth and Space (The Universe) # 23-Science and Technology (Understanding Science/Tech.)	Group Space Story	 X	X	X	

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EE - Education for Employment	NT = Not Taught
IT = Information and Technology	I = Introduced
EV = Environmental Education	D = Developed

Curricular Area: Science Grade: 6th

Course Title: Paleontology

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
Х		· · · · · · · · · · · · · · · · · · ·		A.8.5, B.8.1, B.8.5,	# 22 - Earth and Space (Earth System and Earth's History) # 25-History and Nature of Science (Nature of Science)	Dynamics of Science		X	Х	X		
X				E.8.5, G.8.1	# 22—Earth and Space (Earth System)	Paleontology and the areas of science associated with the profession		X				
х		THE RESIDENCE OF	- Address	E.8.5, F.8.7, F.8.9	# 22-Earth and Space (Earth's History and Earth System) # 21-Life Science (Characteristics of organisms) (Diversity and adaptations)	Geologic Time Scale		· ·	X	X	*****	
Х				A.8.5, B.8.1, E.8.5, F.8.7, F.8.9	# 22-Earth and Space (Earth's History) # 21-Life Science (Characteristics of Organisms)	Evolution		X	X	AAA.		
X				F.12.5	# 21 Life Science (Characteristics of Organisms)	Taxonomy and Classification			X	X		
Х		7		E.8.5	# 22-Earth and Space (Earth's History)	Fossils			X	Х		
X				E.8.2, E.8.5	# 22-Earth and Space (Earth's History) (Earth System)	Theory of Plate Tectonics and Continental Drift			X	Х		
X	A.8,4	1		F.12.5	# 21-Life Science	Species Journal		X	X	1		

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Curricular Area: Science Grade: 6th

Course Title: Paleontology

and A.8.5				(Characteristics of Organisms) (Organisms and Environment)		**			
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				Environment)					
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	M = Mastered

Curricular Area: Science Grade: 6th

Course Title: Weather

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
X				E.8.1, E.8.3,	# 22-Earth and Space (Changes in earth/sky) (Earth System)	Earth's Atmosphere		X	X	X		
X	A.8.4 and A.8.5			C.8.1, C.8.2, C.8.3, C.8.6, C.8.8, C.8.9, C.8.10, E.8.3,	# 22-Earth and Space (Changes in earth/sky) (Earth System) # 23-Science and Technology (Understanding Science/Tech.)	Weather Factors: air pressure, temperature, humidity, precipitation, winds, and cloud types		X	Х			
X				E.8.3	# 22-Earth and Space (Changes in earth/sky) (Earth System)	Weather Patterns: air masses, fronts, and storms		X	X			
X	A.8.4 and A.8.5		And of the state o	E.8.3, C.8.11	# 22—Earth and Space (Changes in earth/sky) (Earth System) # 23—Science and Technology (Understanding Science/Tech.)	Predicting the Weather: forecasting and weather maps	100pp	X	X			
X				E.8.3	# 22-Earth and Space (Changes in earth/sky) (Earth System)	Climate and Climate Change		X	Х			
X		X		E.8.1, E.8.4, G.8.3, H.8.3	# 22-Earth and Space (Changes in earth/sky) (Earth System) # 24-Personal and Social Perspectives in Science (Environmental Quality)	Global changes in the Atmosphere		X	X			

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Curricular Area: Science Grade: 6th

Course Title: Ecology

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concepts	NT	Ι	D	R	M	R
X				F.8.8, F.8.9	#21-Life Science	Structure of an			X	X		
				•	(Populations and	Ecosystem						ĺ
					Ecosystems)							
					# 24-Personal and							
					Social Perspectives in							
					Science							
					(Population)							ļ 1
X		X		F.8.2, F.8.7	#21-Life Science	Organisms in Their			X	X		
				-	(Organisms and	Environments				İ		
					Environments)							
					# 24-Personal and							
					Social Perspectives in						 	
					Science							
					(Environmental							
					Quality)							
X				E.8.6, F.8.10	#21-Life Science	Natural Cycles			X	X		
					(Populations and	_						
					Ecosystems)							
		İ			# 22-Earth and Space		Ì					
					(Earth's History)							
					# 24-Personal and							
					Social Perspectives in					Į		
					Science			1				
					(Natural Resources)				<u> </u>			
X				F.8.7	# 21-Life Science	How Limiting Factors			X	X		-
					(Diversity and	Affect Organisms						
					Adaptations)							
					(Populations and							
					Ecosystems)							
X		X		F.8.8, F.8.9, F.8.10,	#21-Life Science	Designing Ecologically		X	X	X		
				G.8.3, G.8.4, H.8.2,	(Populations and	Sound'Cities						1
			[H.8.3	Ecosystems		}					

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		***************************************	# 24-Personal and Social Perspectives in Science (Environmental Quality)				
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