Curricular Area: Science

Course Title: Flight Unit

Learner Concepts NT D R M R EV **WKCE** Strand EE T EC WI Academic Standard B8.1, B8.5, C8.1, C8.2, 19. Science Inquiry abilities, Air Characteristics X X understanding C8.5, C8.6, C8.9 19. Science Inquiry abilities, Layers of the X B8.1, B8.5, C8.1, C8.2, X understanding Atmosphere C8.5, C8.6, C8.9 19. Science Inquiry abilities, Bird Characteristics X X B8.1, B8.5, C8.1, C8.2, understanding C8.5, C8.6, C8.9 21. Life Science: Characteristics of Organisms, Diversity and adaptations, Structure and Function 19. Science Inquiry abilities, Human flight X B8.1, B8.5, C8.1, C8.2, X understanding C8.5, C8.6, C8.9 19. Science liquiry abilities, X Flight B8.1, B8.5, C8.1, C8.2, X understanding Principles C8.5, C8.6, C8.9 19. Science Inquiry abilities, Future Flight X B8.1, B8.5, C8.1, C8.2, X understanding Possibilities C8.5, C8.6, C8.9, G8.2, 25. History and Nature of G8.3 Science: nature of science

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Grade: 5

Curricular Area: Science

Course Title: Matter Unit

Grade: 5th

EE	IT	EV	EC	WI Academic	WKCE Strand	Learner Concepts	NT	T	D	R	M	R
TVEC.	11	EV	EC		WRCE STAIL	Deal sick Concepts	14 4	•	н.э	JEW	TAT	1
				Standard								ļ <sup>1</sup>
Х				C8.1, C8.2, C8.5, C8.6, C8.9, D8.1, D8.2, D8.3, D8.4	19. Science Inquiry: Abilities, Understanding 20: Physical Science: properties, Energy	Properties of Matter		X				
Х				C8.1, C8.2, C8.5, C8.6, C8.9, D8.1, D8.2, D8.3, D8.4	19. Science Inquiry: Abilities, Understanding 20. Physical Science: properties, Energy	Ways to Measure Matter		X				
Х				C8.1, C8.2, C8.5, C8.6, C8.9, D8.1, D8.2, D8.3, D8.4	19. Science Inquiry: Abilities, Understanding 20. Physical Science: properties, Energy	3 States of Matter			X			
X				C8.1, C8.2, C8.5, C8.6, C8.9, D8.1, D8.2, D8.3, D8.4	19. Science Inquiry: Abilities, Understanding 20. Physical Science: properties, Energy	Changing Temperature of Matter			X			
Х				C8.1, C8.2, C8.5, C8.6, C8.9, D3.1, D8.2, D8.3, D8.4	19. Science Inquiry: Abilities, Understanding 20. Physical Science: properties, Energy	Physically Changing of Matter			X			
Х				C8.1, C8.2, C8.5, C8.6, C8.9, D8.1, D8.2, D8.3, D8.4	19. Science Inquiry: Abilities, Understanding 20. Physical Science: properties, Energy	Chemically Changing of Matter			X			
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Curricular Area: Science Grade: 5th

Course Title: Heat Unit

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
Х				C8.1, C8.2, C8.5, C8.6, C8.9, D8.8, D8.9, D8.10	19. Science Inquiry: abilities, understanding 20. Physical Science: properties; light, heat, and electricity; energy	Heat Transfers			X			
X				C8.1, C8.2, C8.5, C8.6, C8.9, D8.8, D8.9, D8.10	19. Science Inquiry: abilities, understanding 20. Physical Science: properties; light, heat, and electricity; energy	Fahrenheit & Celsius		Х				
X				C8.1, C8.2, C8.5, C8.6, C8.9, D8.8, D8.9, D8.10	19. Science Inquiry: abilities, understanding 20. Physical Science: properties; light, heat, and electricity; energy	Molecule Movement			Х			
X	·		Park to the same of the same o	C8.1, C8.2, C8.5, C8.6, C8.9, D8.8, D8.9, D8.10	19. Science Inquiry: abilities, understanding 20. Physical Science: properties; light, heat, and electricity; energy	Heat and Electricity		X				
Х		X		C8.1, C8.2, C8.5, C8.6, C8.9, D8.8, D8.9, D8.10, H8.2	23. Science and Technology: Natural/Synthetic 24. Personal and Social Perspectives: natural resources, environmental quality	Energy Conservation			Х			
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Curricular Area: Science Grade: 5th

Course Title: Moon Unit

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
X		Х		C8.1, C8.2, C8.5, C8.6, C8.9, E8.7, E8.8	19. Science Inquiry abilities, understanding 22. Earth and Space: objects in the sky, the universe 25. History of Nature and Science: history of science	Surface Characteristics			X			
X		Х		C8.1, C8.2, C8.5, C8.6, C8.9, E8.7, E8.8	19. Science Inquiry abilities, understanding 22. Earth and Space: objects in the sky, the universe 25. History of Nature and Science: history of science	Phases			X			
X		X		C8.1, C8.2, C8.5, C8.6, C8.9, E8.7, E8.8	19. Science Inquiry abilities, understanding 22. Earth and Space: objects in the sky, the universe 25. History of Nature and Science: history of science	Eclipses			Х			
X		X		C8.1, C8.2, C8.5, C8.6, C8.9, E8.7, E8.8	19. Science Inquiry abilities, understanding 22. Earth and Space: objects in the sky, the universe 25. History of Nature and Science: history of science	Tides		X				
Х				C8.1, C8.2, C8.5, C8.6, C8.9, G8.1, G8.2, G8.3, G8.6	19. Science Inquiry abilities, understanding 22. Earth and Space: objects in the sky, the universe 23. Science and Technology: abilities of technological design 25. History of Nature and Science: history of science	Space Travel		X				
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Curricular Area: Science Grade: 5th

Course Title: Animal Behavior Unit

EE	IT	EV	EC	WI Academic	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
				Standard								
X		Х		C8.1, C8.2, C8.5, C8.6, C8.9,	19. Science Inquiry abilities, understanding 21. Life Science: characteristics of organisms, diversity and adaptations, life cycles	Animal Classification			X			
X		X		C8.1, C8.2, C8.5, C8.6, C8.9, F8.2, F8.6, F8.8, F8.9, F8.10	19. Science Inquiry abilities, understanding 21. Life Science: characteristics of organisms, populations and ecosystems, organisms and environment	Habitat		X				
X		X		C8.1, C8.2, C8.5, C8.6, C8.9, F8.2, F8.5, F8.6	19. Science Inquiry abilities, understanding 21. Life Science: characteristics of organisms, reproduction and heredity	Behavior, inborn and learned.			X			
X		X	THE THE PARTY OF T	C8.1, C8.2, C8.5, C8.6, C8.9, F8.2, F8.5, F8.6	19. Science Inquiry abilities, understanding 21. Life Science: characteristics of organisms, reproduction and herodity	Instinct		X			A TO THE STATE OF	
Х		X		C8.1, C8.2, C8.5, C8.6, C8.9, F8.2, F8.5	19. Science Inquiry abilities, understanding 21. Life Science: characteristics of organisms	Stimulus & Response		X				
X		X		C8.1, C8.2, C8.5, C8.6, C8.9, F8.2, F8.5, F8.6	19. Science Inquiry abilities, understanding 21. Life Science: characteristics of organisms, organisms and environment	Migration & Hibernation		X				
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Curricular Area: Science Grade: 5th

Course Title: Weather Unit

EE	IT	EV	EC	WI Academic	WKCE Strand	Learner Concepts	NT		D	R	M	R
		]		Standard		-						ĺ
X		Х		B8.1, B8.2, B8.3, C8.1, C8.2, C8.5, C8.6, C8.9	19. Science Inquiry abilities, understanding 25. History and Nature of Science: nature of science, history of science	Precipitation			Х			
X		Х		B8.1, B8.2, B8.3, C8.1, C8.2, C8.5, C8.6, C8.9	19. Science Inquiry abilities, understanding 25. History and Nature of Science: nature of science, history of science	Water Cycle			X			
X		Х		B8.1, B8.2, B8.3, C8.1, C8.2, C8.5, C8.6, C8.9	19. Science Inquiry abilities, understanding 25. History and Nature of Science: nature of science, history of science	Clouds			X			
X		X		B8.1, B8.2, B8.3, C8.1, C8.2, C8.5, C8.6, C8.9	19. Science Inquiry abilities, understanding 25. History and Nature of Science: nature of science, history of science	Fronts	Section 1		X			
X		X		B8.1, B8.2, B8.3, C8.1, C8.2, C8.5, C8.6, C8.9	19. Science Inquiry abilities, understanding 25. History and Nature of Science; nature of science, history of science	Severe Weather		X				
X		Х		B8.1, B8.2, B8.3, C8.1, C8.2, C8.5, C8.6, C8.9, G8.1, G8.2, G8.3	19. Science Inquiry abilities, understanding 25. History and Nature of Science: nature of science, history of science	Predicting Weather		X				
Х		X		B8.1, B8.2, B8.3, C8.1, C8.2, C8.5, C8.6, C8.9	25. History and Nature of Science: nature of science, history of science	Hurricanes and Tornadoes		X				
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Curricular Area: Science Grade: 5th

Course Title: Earthquakes and Volcanoes

EE	IT	EV	EC	WI Academic	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
				Standard				<u> </u>				l
Х		X		C8.1, C8.2, C8.5, C8.6, C8.9, E8.2, E8.3	19. Science Inquiry abilities, understanding 22. Earth and Space: properties of Earth materials	Layers of the Earth			X			
X				B8.1, B8.2, C8.1, C8.2, C8.5, C8.6, C8.9, E8.2, E8.3	19. Science Inquiry abilities, understanding 22. Earth and Space: properties of Earth materials, changes in Earth/sky	Plate Tectonics			X			
X				B8.1, B8.2, C8.1, C8.2, C8.5, C8.6, C8.9, E8.2, E8.3	19. Science Inquiry abilities, understanding 22. Earth and Space: properties of Earth materials, changes in Earth/sky	Continental Drift	I LANGE AND A THE		X			
X		X		C8.1, C8.2, C8.5, C8.6, C8.9, E8.2, E8.3	19. Science Inquiry abilities, understanding 22. Earth and Space: properties of Earth materials, changes in Earth/sky	Volcanoes & Earthquakes			X			
X			1	B8.1, B8.2, C8.1, C8.2, C8.5, C8.6, C8.9	19. Science Inquiry abilities, understanding 22. Earth and Space: properties of Earth materials	Seismographs		X				
X				B8.1, B8.2, C8.1, C8.2, C8.5, C8.6, C8.9	19. Science Inquiry abilities, understanding 22. Earth and Space: properties of Earth materials	P & S Waves	3	X				
X		Х		C8.1, C8.2, C8.5, C8.6, C8.9, E8.2, E8.3	19. Science Inquiry abilities, understanding 22. Earth and Space: properties of Earth materials	Types/Parts of Volcanoes			X			
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