

Chilton Public Schools Curriculum Document

Curricular Area: Science
Course Title: Heat Unit

Grade: 5th

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
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	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		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	Molecule Movement			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	Heat and Electricity		X				
X		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			X			

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Curricular Area: Science
Course Title: Moon Unit

Grade: 5th

EE	IT	EV	EC	WI Academic Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
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	Surface Characteristics			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	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			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	Tides		X				
X				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 Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
X		X		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		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	Instinct		X				
X		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 Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
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	Precipitation			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	Water Cycle			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	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			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		X		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				
X		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 Standard	WKCE Strand	Learner Concepts	NT	I	D	R	M	R
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	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			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				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		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	Types/Parts of Volcanoes			X			