


Program: Energy Revealed		Grade 7 – Ontario Social Studies Curriculum Connections		<div> greenlearning.ca programs@greenlearning.ca</div>	
Activity Name		Organizing Idea	Learning Outcome		
Activity: Knowing Energy: Stair Climb		N/A			
Activity: Knowing Energy: Tea at Home		N/A			
Activity: Knowing Energy: Race to a kWh		N/A			
Activity: Knowing Energy: How Intense is Your Electricity Usage?		N/A			
Activity: Knowing Energy: The Electricity Grid		N/A			
Activity: Knowing Energy: Renewables		B. Natural Resources Around the World: Use and Sustainability	B1.4 - create a personal plan of action outlining how they can contribute to more sustainable natural resource extraction/harvesting and/or use		
			B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences		
			B3.2 - describe ways in which people use the natural environment, including specific elements within it, to meet their needs and wants		
			B3.5 - describe some responses to social and/or environmental challenges arising from the use of natural resources		
Activity: Knowing Energy: The Big Picture		B. Natural Resources Around the World: Use and Sustainability	B1.4 - create a personal plan of action outlining how they can contribute to more sustainable natural resource extraction/harvesting and/or use		
			B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences		
			B3.5 - describe some responses to social and/or environmental challenges arising from the use of natural resources		
Activity: All About the Baseline		B. Natural Resources Around the World: Use and Sustainability	B3.2 - describe ways in which people use the natural environment, including specific elements within it, to meet their needs and wants		
			B3.5 - describe some responses to social and/or environmental challenges arising from the use of natural resources		

Activity: Can You Observe How You Conserve?	N/A	
Activity: Energy Hogs	N/A	
Activity: Extra Energy Investigation	N/A	
Activity: How Smart is Your Smart Board?	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
		A2.5 - evaluate evidence and draw conclusions about the impact of natural events and/or human activities that change the physical environment
Activity: Imagination Station	N/A	
Activity: Small Appliance Energy Reliance	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
		A2.5 - evaluate evidence and draw conclusions about the impact of natural events and/or human activities that change the physical environment
Activity: Start Me Up!	N/A	
Activity: Take a Look	Grade 4-6	

Activity: Total Energy vs Total Cost	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
		A2.5 - evaluate evidence and draw conclusions about the impact of natural events and/or human activities that change the physical environment
Activity: Understanding Energy Efficiency in Your School	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
		A2.5 - evaluate evidence and draw conclusions about the impact of natural events and/or human activities that change the physical environment
	B. Natural Resources Around the World: Use and Sustainability	B1.4 - create a personal plan of action outlining how they can contribute to more sustainable natural resource extraction/harvesting and/or use
		B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences
		B3.2 - describe ways in which people use the natural environment, including specific elements within it, to meet their needs and wants
		B3.5 - describe some responses to social and/or environmental challenges arising from the use of natural resources
Activity: Community Walk	N/A	

Activity: School Energy Audit	B. Natural Resources Around the World: Use and Sustainability	B1.4 - create a personal plan of action outlining how they can contribute to more sustainable natural resource extraction/harvesting and/or use
		B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences
		B3.2 - describe ways in which people use the natural environment, including specific elements within it, to meet their needs and wants
		B3.5 - describe some responses to social and/or environmental challenges arising from the use of natural resources
Activity: Energy Efficient Lighting	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
	B. Natural Resources Around the World: Use and Sustainability	B1.2 - analyse natural resource extraction/harvesting and use in some specific regions of the world
		B2.2 - gather and organize data and information from a variety of sources on the impact of resource extraction/harvesting and/or use, ensuring that their sources reflect more than one perspective
		B2.5 - evaluate evidence and draw conclusions about issues related to the impact of natural resource extraction/harvesting and/or use around the world
Activity: Find the Phantom Load	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
		A2.5 - evaluate evidence and draw conclusions about the impact of natural events and/or human activities that change the physical environment
Activity: Home Energy Audit	N/A	
Activity: Watchers and Seekers	N/A	

Activity: Back to the Future	A. Physical Patterns in a Changing World	A1.1 - describe various ways in which people have responded to challenges and opportunities presented by the physical environment
		A1.2 - compare and contrast the perspectives of some different groups on the challenges and opportunities presented by the natural environment
		A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
	B. Natural Resources Around the World: Use and Sustainability	B1.2 - analyse natural resource extraction/harvesting and use in some specific regions of the world
		B2.2 - gather and organize data and information from a variety of sources on the impact of resource extraction/harvesting and/or use, ensuring that their sources reflect more than one perspective
		B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences
		B3.1 - identify Earth’s renewable, non-renewable, and flow resources and explain their relationship to Earth’s physical features
		B3.4 - describe the perspectives of different groups regarding the use of the natural environment to meet human needs
Activity: Changing Our Ways	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
	B. Natural Resources Around the World: Use and Sustainability	B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences

Activity: Exploring Our Energy Ethics	A. Physical Patterns in a Changing World	A1.2 - compare and contrast the perspectives of some different groups on the challenges and opportunities presented by the natural environment
		A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
	B. Natural Resources Around the World: Use and Sustainability	B2.2 - gather and organize data and information from a variety of sources on the impact of resource extraction/harvesting and/or use, ensuring that their sources reflect more than one perspective
		B3.4 - describe the perspectives of different groups regarding the use of the natural environment to meet human needs
Activity: Once Upon a Bike	A. Physical Patterns in a Changing World	A1.1 - describe various ways in which people have responded to challenges and opportunities presented by the physical environment
		A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
	B. Natural Resources Around the World: Use and Sustainability	B1.2 - analyse natural resource extraction/harvesting and use in some specific regions of the world
		B2.2 - gather and organize data and information from a variety of sources on the impact of resource extraction/harvesting and/or use, ensuring that their sources reflect more than one perspective
		B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences
		B3.1 - identify Earth’s renewable, non-renewable, and flow resources and explain their relationship to Earth’s physical features

Activity: Puzzling Over Energy Issues	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
		A2.6 - communicate the results of their inquiries, using appropriate vocabulary and formats appropriate for specific audiences
	B. Natural Resources Around the World: Use and Sustainability	B2.2 - gather and organize data and information from a variety of sources on the impact of resource extraction/harvesting and/or use, ensuring that their sources reflect more than one perspective
		B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences
		B3.1 - identify Earth’s renewable, non-renewable, and flow resources and explain their relationship to Earth’s physical features
Activity: Ride, Roll and Stroll	A. Physical Patterns in a Changing World	A1.1 - describe various ways in which people have responded to challenges and opportunities presented by the physical environment
		A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
	B. Natural Resources Around the World: Use and Sustainability	B1.2 - analyse natural resource extraction/harvesting and use in some specific regions of the world
		B2.2 - gather and organize data and information from a variety of sources on the impact of resource extraction/harvesting and/or use, ensuring that their sources reflect more than one perspective
		B3.1 - identify Earth’s renewable, non-renewable, and flow resources and explain their relationship to Earth’s physical features

Activity: Speak for the Trees	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
		A2.5 - evaluate evidence and draw conclusions about the impact of natural events and/or human activities that change the physical environment
Activity: Taking the Lead	A. Physical Patterns in a Changing World	A2.1 - formulate questions to guide investigations into the impact of natural events and/or human activities that change the physical environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
	B. Natural Resources Around the World: Use and Sustainability	B2.6 - communicate the results of their inquiries using appropriate vocabulary and formats appropriate for specific audiences
		B3.4 - describe the perspectives of different groups regarding the use of the natural environment to meet human needs
Activity: Walk a Mile	A. Physical Patterns in a Changing World	A1.2 - compare and contrast the perspectives of some different groups on the challenges and opportunities presented by the natural environment
		A2.2 - gather and organize data and information from a variety of sources, and using various technologies, on the impact of natural events and/or human activities that change the physical environment, ensuring that their sources reflect more than one perspective
		A2.4 - interpret and analyse data and information relevant to their investigations, using various tools and spatial technologies
	B. Natural Resources Around the World: Use and Sustainability	B1.2 - analyse natural resource extraction/harvesting and use in some specific regions of the world