

Program: Energy Revealed

Grade 4 – Ontario Social Studies Curriculum Connections

| Activity Name | Organizing Idea | Learning Outcome |
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| 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. People and Environments: Political and Physical Regions of Canada | B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources B2.3 - analyse and construct print and/or digital maps, including thematic maps, as part of their investigations into balancing human needs/ wants and activities with environmental stewardship in Canada B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools B2.6 - communicate the results of their inquiries using appropriate vocabulary |
| Activity: Knowing Energy: The Big Picture | B. People and Environments: Political and Physical Regions of Canada | B2.3 - analyse and construct print and/or digital maps, including thematic maps, as part of their investigations into balancing human needs/ wants and activities with environmental stewardship in Canada B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools B2.6 - communicate the results of their inquiries using appropriate vocabulary |
| Activity: All About the Baseline | Grade 7-12 | |
| Activity: Can You Observe How You Conserve? | B. People and Environments: Political and Physical Regions of Canada | B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools B2.6 - communicate the results of their inquiries using appropriate vocabulary |

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| <u>Activity: Energy Hogs</u> | B. People and Environments: Political and Physical Regions of Canada | <p>B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources</p> <p>B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools</p> <p>B2.6 - communicate the results of their inquiries using appropriate vocabulary</p> |
| <u>Activity: Extra Energy Investigation</u> | B. People and Environments: Political and Physical Regions of Canada | <p>B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources</p> <p>B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools</p> <p>B2.6 - communicate the results of their inquiries using appropriate vocabulary</p> |
| <u>Activity: How Smart is Your Smart Board?</u> | Grade 7-12 | |
| <u>Activity: Imagination Station</u> | B. People and Environments: Political and Physical Regions of Canada | <p>B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources</p> <p>B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools</p> <p>B2.6 - communicate the results of their inquiries using appropriate vocabulary</p> |
| <u>Activity: Small Appliance Energy Reliance</u> | B. People and Environments: Political and Physical Regions of Canada | <p>B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources</p> <p>B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools</p> <p>B2.6 - communicate the results of their inquiries using appropriate vocabulary</p> |
| <u>Activity: Start Me Up!</u> | B. People and Environments: Political and Physical Regions of Canada | <p>B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources</p> <p>B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools</p> <p>B2.6 - communicate the results of their inquiries using appropriate vocabulary</p> |
| <u>Activity: Take a Look</u> | B. People and Environments: Political and Physical Regions of Canada | <p>B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools</p> <p>B2.6 - communicate the results of their inquiries using appropriate vocabulary</p> |
| <u>Activity: Total Energy vs Total Cost</u> | Grade 7-12 | |
| <u>Activity: Understanding Energy Efficiency in Your School</u> | Grade 7-12 | |

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| <u>Activity: Community Walk</u> | B. People and Environments: Political and Physical Regions of Canada | B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources |
| | | B2.3 - analyse and construct print and/or digital maps, including thematic maps, as part of their investigations into balancing human needs/ wants and activities with environmental stewardship in Canada |
| | | B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools |
| | | B2.6 - communicate the results of their inquiries using appropriate vocabulary |
| <u>Activity: School Energy Audit</u> | Grade 7-12 | |
| <u>Activity: Energy Efficient Lighting</u> | N/A | |
| <u>Activity: Find the Phantom Load</u> | B. People and Environments: Political and Physical Regions of Canada | B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources |
| | | B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools |
| | | B2.6 - communicate the results of their inquiries using appropriate vocabulary |
| <u>Activity: Home Energy Audit</u> | N/A | |
| <u>Activity: Watchers and Seekers</u> | B. People and Environments: Political and Physical Regions of Canada | B1.3 - describe some key actions taken by both industries and citizens to address the need for more sustainable use of land and resources |
| | | B2.3 - analyse and construct print and/or digital maps, including thematic maps, as part of their investigations into balancing human needs/ wants and activities with environmental stewardship in Canada |
| | | B2.4 - interpret and analyse information and data related to their investigations, using a variety of tools |
| | | B2.6 - communicate the results of their inquiries using appropriate vocabulary |
| <u>Activity: Back to the Future</u> | N/A | |
| <u>Activity: Changing Our Ways</u> | N/A | |
| <u>Activity: Exploring Our Energy Ethics</u> | N/A | |
| <u>Activity: Once Upon a Bike</u> | N/A | |
| <u>Activity: Puzzling Over Energy Issues</u> | N/A | |
| <u>Activity: Ride, Roll and Stroll</u> | N/A | |
| <u>Activity: Speak for the Trees</u> | Grade 7-12 | |

[Activity: Taking the Lead](#)

N/A

[Activity: Walk a Mile](#)

N/A