

Program: Re-Energy

Grade 3 - Alberta Social Studies Curriculum Connections

Activity Name	Organizing Idea	Learning Outcome
Activity: Renewable Energy Sources	Grade 7-12	
Activity: What is Renewable Energy?	Grade 7-12	
Activity: Build a Solar Car	N/A	
Activity: Build a Solar Oven	N/A	
Activity: Construire un Four Solaire	N/A	
Activity: Introduction to Solar Electricity	N/A	
Activity: Introduction to Solar Heat Energy	N/A	
Activity: Solar Energy Transition with Six Nations of the Grand River	N/A	
Activity: Electrifying the Future of Transportation Guide	Grade 9-12	
Activity: Build an Electric Vehicle Model	N/A	
Activity: Exploring Electric Vehicle Charging Stations	Grade 7-12	
Activity: History of the Electric Vehicle	Grade 7-12	
Activity: How is Your Community Adapting for Electric Vehicles?	Grade 7-12	
Activity: Planning a Trip in your Electric Vehicle	Grade 7-12	
Activity: Electric Vehicles and Charging Stations with Six Nations of the Grand River	N/A	
Activity: What EV Should You Buy?	Grade 7-12	
Activity: Build a Wind Turbine	N/A	
Activity: Introduction to Wind Energy	N/A	
Activity: Wind Turbine Simulator	N/A	
Activity: Build a Hydroelectric Generator	N/A	

<u>Activity: Introduction to Hydro Energy</u>	N/A	
<u>Activity: Pumped Hydro Storage</u>	Grade 7-12	
<u>Activity: Build a Biogas Generator</u>	Grade 7-12	
<u>Activity: Introduction to Biomass Energy</u>	Grade 7-12	
<u>Activity: Build a Flywheel Model</u>	N/A	
<u>Activity: Build a Penny Battery</u>	N/A	
<u>Activity: Endothermic and Exothermic Reactions</u>	Grade 7-12	
<u>Activity: Energy Storage Match</u>	Grade 7-12	
<u>Activity: Exploring Energy Storage in Your Community</u>	Grade 7-12	
<u>Activity: Exploring How to Make a Battery</u>	Grade 7-12	
<u>Activity: Heat Transfer Lab</u>	Grade 7-12	
<u>Activity: The Electrostatic Effect</u>	Grade 7-12	