

Program: Re-Energy

Grade 10 - Alberta Geography Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
Activity: Renewable Energy Sources	N/A	
Activity: What is Renewable Energy?	N/A	
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	N/A	
Activity: Build an Electric Vehicle Model	N/A	
Activity: Exploring Electric Vehicle Charging Stations	Social Studies 10-1/10-2 Key Issue 3: To what extent should we embrace globalization?	3.2 - recognize and appreciate impacts of globalization on the interdependent relationships among people, the economy and the environment
Activity: History of the Electric Vehicle	Social Studies 10-1/10-2 Key Issue 3: To what extent should we embrace globalization?	3.2 - recognize and appreciate impacts of globalization on the interdependent relationships among people, the economy and the environment
Activity: How is Your Community Adapting For Electric Vehicles?	Social Studies 10-1/10-2 Key Issue 3: To what extent should we embrace globalization?	3.2 - recognize and appreciate impacts of globalization on the interdependent relationships among people, the economy and the environment
Activity: Planning a Trip in Your Electric Vehicle	Social Studies 10-1/10-2 Key Issue 3: To what extent should we embrace globalization?	3.2 - recognize and appreciate impacts of globalization on the interdependent relationships among people, the economy and the environment

Activity: Electric Vehicles and Charging Stations with Six Nations of the Grand River	N/A	
Activity: What EV Should You Buy?	Social Studies 10-1/10-2 Key Issue 3: To what extent should we embrace globalization?	3.2 - recognize and appreciate impacts of globalization on the interdependent relationships among people, the economy and the environment
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	
Activity: Introduction to Hydro Energy	N/A	
Activity: Pumped Hydro Storage	N/A	
Activity: Build a Biogas Generator	N/A	
Activity: Introduction to Biomass Energy	N/A	
Activity: Build a Flywheel Model	N/A	
Activity: Build a Penny Battery	N/A	
Activity: Endothermic and Exothermic Reactions	N/A	
Activity: Energy Storage Match	Social Studies 10-1/10-2 Key Issue 3: To what extent should we embrace globalization?	3.2 - recognize and appreciate impacts of globalization on the interdependent relationships among people, the economy and the environment
Activity: Exploring Energy Storage in Your Community	N/A	
Activity: Exploring How To make a Battery	N/A	
Activity: Heat Transfer Lab	N/A	
Activity: The Electrostatic Effect	N/A	