Program: Re-Energy	Grade 6 – British Columbia Science Curriculum Connections	

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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	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Build a Solar Oven	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Construire un Four Solaire	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Introduction to Solar Electricity	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Introduction to Solar Heat Energy	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Solar Energy Transition with Six Nations of the Grand River	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Electrifying the Future of Transportation Guide	**Grade 9-12**	
Activity: Build an Electric Vehicle Model	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
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	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.

Activity: What EV Should You Buy?	**Grade 7-12**	
Activity: Build a Wind Turbine	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Introduction to Wind Energy	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Wind Turbine Simulator	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Build a Hydroelectric Generator	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Introduction to Hydro Energy	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Pumped Hydro Storage	**Grade 7-12**	
Activity: Build a Biogas Generator	**Grade 7-12**	
Activity: Introduction to Biomass Energy	**Grade 7-12**	
Activity: Build a Flywheel Model	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Build a Penny Battery	Newton's Laws of Motions, Effects of Forces	Newton's three laws of motion describe the relationship between force and motion.
Activity: Endothermic and Exothermic Reactions	**Grade 7-12**	
Activity: Energy Storage Match	**Grade 7-12**	
Activity: Exploring Energy Storage in Your Community	**Grade 7-12**	
Activity: Exploring How to Make a Battery	**Grade 7-12**	
Activity: Heat Transfer Lab	**Grade 7-12**	
Activity: The Electrostatic Effect	**Grade 7-12**	