

Program: Re-Energy

Grade 9 – British Columbia Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
Activity: Renewable Energy Sources	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: What is Renewable Energy?	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Build a Solar Car	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Build a Solar Oven	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Construire un Four Solaire	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Introduction to Solar Electricity	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Introduction to Solar Heat Energy	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Solar Energy Transition with Six Nations of the Grand River	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Electrifying the Future of Transportation Guide	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Build an Electric Vehicle Model	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Exploring Electric Vehicle Charging Stations	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: History of the Electric Vehicle	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.

Activity: How is Your Community Adapting For Electric Vehicles?	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Planning a Trip in Your Electric Vehicle	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Electric Vehicles and Charging Stations with Six Nations of the Grand River	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: What EV Should You Buy?	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Build a Wind Turbine	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Introduction to Wind Energy	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Wind Turbine Simulator	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Build a Hydroelectric Generator	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Introduction to Hydro Energy	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Pumped Hydro Storage	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Build a Biogas Generator	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Introduction to Biomass Energy	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Build a Flywheel Model	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Build a Penny Battery	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Endothermic and Exothermic Reactions	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Energy Storage Match	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.

Activity: Exploring Energy Storage in Your Community	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Exploring How To make a Battery	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: Heat Transfer Lab	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.
Activity: The Electrostatic Effect	Circuits, Voltage and Currents, Effects of Solar Radiation, Sustainability	Electric current is the flow of electric charge.