

Program: Re-Energy

Grade 7 – British Columbia Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
Activity: Renewable Energy Sources	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
		Earth and its climate have changed over geological time.
Activity: What is Renewable Energy?	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Build a Solar Car	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Build a Solar Oven	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Construire un Four Solaire	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Introduction to Solar Electricity	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Introduction to Solar Heat Energy	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Solar Energy Transition with Six Nations of the Grand River	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Electrifying the Future of Transportation Guide	Grade 9-12	
Activity: Build an Electric Vehicle Model	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Exploring Electric Vehicle Charging Stations	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: History of the Electric Vehicle	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: How is Your Community Adapting for Electric Vehicles?	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Planning a Trip in your Electric Vehicle	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Electric Vehicles and Charging Stations with Six Nations of the Grand River	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: What EV Should You Buy?	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Build a Wind Turbine	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Introduction to Wind Energy	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Wind Turbine Simulator	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Build a Hydroelectric Generator	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Introduction to Hydro Energy	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Pumped Hydro Storage	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Build a Biogas Generator	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Introduction to Biomass Energy	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Build a Flywheel Model	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Build a Penny Battery	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Endothermic and Exothermic Reactions	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Energy Storage Match	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Exploring Energy Storage in Your Community	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Exploring How to Make a Battery	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: Heat Transfer Lab	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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Activity: The Electrostatic Effect	Human Impacts, Climate Change, Electricity Generation and its Environmental Impacts	The electromagnetic force produces both electricity and magnetism.
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