

Program: Re-Energy

Grade 3 – British Columbia Science Curriculum Connections



| Activity Name                                                                                         | Organizing Idea                                | Learning Outcome                                |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------|
| <a href="#">Activity: Renewable Energy Sources</a>                                                    | Grade 7-12                                     |                                                 |
| <a href="#">Activity: What is Renewable Energy?</a>                                                   | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Build a Solar Car</a>                                                           | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Build a Solar Oven</a>                                                          | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Construire un Four Solaire</a>                                                  | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Introduction to Solar Electricity</a>                                           | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Introduction to Solar Heat Energy</a>                                           | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Solar Energy Transition with Six Nations of the Grand River</a>                 | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Electrifying the Future of Transportation Guide</a>                             | Grade 9-12                                     |                                                 |
| <a href="#">Activity: Build an Electric Vehicle Model</a>                                             | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Exploring Electric Vehicle Charging Stations</a>                                | Grade 7-12                                     |                                                 |
| <a href="#">Activity: History of the Electric Vehicle</a>                                             | Grade 7-12                                     |                                                 |
| <a href="#">Activity: How is Your Community Adapting for Electric Vehicles?</a>                       | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Planning a Trip in your Electric Vehicle</a>                                    | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Electric Vehicles and Charging Stations with Six Nations of the Grand River</a> | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |

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| <a href="#">Activity: What EV Should You Buy?</a>                    | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Build a Wind Turbine</a>                       | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Introduction to Wind Energy</a>                | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Wind Turbine Simulator</a>                     | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Build a Hydroelectric Generator</a>            | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Introduction to Hydro Energy</a>               | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Pumped Hydro Storage</a>                       | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Build a Biogas Generator</a>                   | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Introduction to Biomass Energy</a>             | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Build a Flywheel Model</a>                     | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Build a Penny Battery</a>                      | Energy Sources,<br>Ecosystems, Energy and Life | Thermal energy can be produced and transferred. |
| <a href="#">Activity: Endothermic and Exothermic Reactions</a>       | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Energy Storage Match</a>                       | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Exploring Energy Storage in Your Community</a> | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Exploring How to Make a Battery</a>            | Grade 7-12                                     |                                                 |
| <a href="#">Activity: Heat Transfer Lab</a>                          | Grade 7-12                                     |                                                 |
| <a href="#">Activity: The Electrostatic Effect</a>                   | Grade 7-12                                     |                                                 |