

**Unit Project: How can we power our world without destroying it?**

Need Help “Generating” Ideas? Refer to *Issues 21* (inside of front cover)

Transform some of your chemical potential energy into mechanical kinetic energy as you  *brainstorm*  some ideas below!



|   | Ka Pow! Ka Blamo! D’Oh! Idea Zap! |
|---|-----------------------------------|
| 1. What use of energy in our world are you focusing on? <i>Teacher approval required</i>  |                                   |
| Teacher approval →  |                                   |
| 2. What region of the world are you focusing on?  |                                   |
| 3. What is the current energy source?<br>a. Where is this resource being sourced from?<br>b. What are the pros and cons of this energy source, taking multiple perspectives into consideration, including the Indigenous people in that particular area?  |                                   |
| 4. What would be a <b>better</b> energy source for your area of focus?<br>a. Explain why this source is suitable to your region of interest.<br>b. Explain how the energy source works - include energy transformations.<br>c. What are the pros and cons of this energy source?<br>i. Environmental impact<br>ii. Economic impact<br>iii. Impact on Indigenous culture<br>iv. Why is it not as widely used in your region of interest currently? |                                   |

