

Name_____

Engineering a Waterwheel Pre-Test

1. How do we get electricity? Where does the energy for electricity come from?
2. What do you think a renewable resource is? List any you can think of.
3. What is a waterwheel?
4. What do you know about engineering?
5. What is Micro-Hydro power?

Engineering a Waterwheel Post-Test

1. What are the 8 energy sources in California?
2. What is a renewable resource? Describe one resource and its benefits.
3. What is a waterwheel and what are its uses?
4. What are the 5 steps of the engineering design process?
5. Describe the benefits of Micro-Hydro power.
6. Describe how a light bulb gets turned on using a power plant that heats water.