**An Energy Debate – Student Worksheet**

1. Fill in the energy debate chart below:

|  |  |  |
| --- | --- | --- |
| **Power Type** | **Advantages** | **Disadvantages** |
| **Fossil Fuels** |  |  |
| **Nuclear Power** |  |  |
| **Biomass** |  |  |
| **Wind Energy** |  |  |
| **Hydropower** |  |  |
| **Geothermal** |  |  |
| **Solar Resources** |  |  |

1. Vocabulary- Define the following terms:
	1. Renewable-energy which comes from natural resources such as sunlight, wind, rain, tides, and geothermal heat, which are renewable (naturally replenished).
	2. Nonrenewable- energy that comes from a natural resource which cannot be produced, grown, generated. Once used there is no more remaining. These resources often exist in a fixed amount and are consumed much faster than nature can create them. Examples are fossil fuels and nuclear power.
	3. Inexhaustible-energy unable to be used up because existing in abundance. Examples are wind and tidal energy.
2. What is the most commonly used source of energy in the United States?
	1. Fossil Fuels – Petroleum, natural gas, coal, and nuclear power.
3. What is the power resource that you are most interested in? Why?
	1. Student response will vary.
4. Do you know of any renewable energy source plants in your hometown? If not, which type of renewable energy source do you think would work best in your hometown?
	1. Student response will vary.