

Name:

Date:

Class:

## Alternative Energy Pros and Cons Worksheet – **Hydropower Answer Key**

Type of alternative energy:

Hydropower

Individual work:

Define alternative energy source:

Hydropower uses water to create electricity

What are the pros and cons of the energy source you focused on?

Pros	Cons
Hydropower is clean and renewable. No pollutants are released and the water is not used up during the process	Hydropower can interfere with the natural flow of a river system. This can interfere with animal migrations..
Hydropower can provide energy when solar and wind can't because it can use water stored in reservoirs.	Building the dam and reservoir is expensive.
	Needs locally available water.

Highlight 2 pros and 2 cons that you think are most important to share with the rest of your group. When everyone has learned about the alternative energy source they are focusing on, share what you have identified as most important with your group. Take notes in the table below so that you can share this information with your poster group.

Answers will vary depending on student presentations

Name:

Date:

Class:

Group sharing:

Type of energy	Pros	Cons
Solar		
Wind		
Geothermal		
Hydropower		
Nuclear		
Biomass		

Based on what you heard from these presentations, which type of energy do you recommend be used in getting electricity to your building?

Answers will vary.

What is the evidence and reasoning behind this recommendation?

Answers will vary.