

Name:

Date:

Class:

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

Type of alternative energy:

Solar

Individual work:

Define alternative energy source:

Transforming solar energy into electrical energy

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

Pros	Cons
Reduces electric bill	High upfront cost
Environmentally friendly - no greenhouse gas emissions	Intermittent - solar panels do not generate power at night and the intensity of the sun changes during the day.
	There is some pollution made during the making of the solar panels

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 based 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.