

ADDITIONAL DOCUMENTS

My Solar House – Sample Answer Key

Name: _____ Date: _____

Working with your group, take a close look at your solar house design and answer the following question and fill out the chart below:

1. How does your solar house use power from the sun?

Answers will vary but may include solar-powered cars, solar panels, green houses, solar thermal water heating systems, solar ovens, solar powered electricity, etc .

Impacts of Your Design on Society	Advantages	Disadvantages
Environmental Impacts	<i>Reduces carbon footprint, results in cleaner air and cleaner water, uses natural energy from the sun to reduce oil drilling.</i>	<i>The mining and manufacturing might increase the carbon footprint.</i>
Economic Impacts	<i>Saves money in the long run, creates job opportunities.</i>	<i>High initial costs, some people believe jobs will be lost.</i>
Physical Impacts	<i>Helps reduce pollution.</i>	<i>Potential for vandalism, solar panels aren't visually appealing to everyone.</i>
Cultural Impacts	<i>Increases jobs, saves money, improves morale. Results in a healthier environment, healthier people.</i>	<i>A change in mindset would occur challenging accepted notions of energy.</i>