

Harnessing the Sun's Energy Student Sheet

Name _____

Look at the solar panel pictures. What are three observations?

Observations:

1.

2.

3.

Now ask three questions about what you see. Is there something you want to understand better?

Questions:

1.

2.

3.

Where do you think the energy comes from? In your own words explain the process.

How can you get the most energy from the solar panels you have? List three variables you could test.

1.

2.

3.

You are going to use a voltmeter to measure the volts that are put out by the solar panels. Choose one of your variables and test it. Do the same with two other variables. You will need to make multiple readings for each of your variables

Variable tested	Volts

Summarize your experiments by writing a hypothesis about how you can increase the electrical strength of solar panels.

Claim:

Evidence:

Reasoning:

