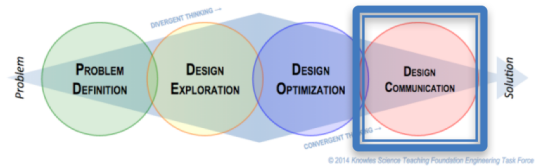




Name:
Company:
Period:

4 Phase Engineering Design Process



Solar Energy Phase IV: Communication

Final Design: Sketch your final design, highlighting any important features.	Circuit Diagram: Using the conventional symbols, draw a circuit diagram of your completed solar charger.
Optimal Levels: Look back at your Phase 3 labs: Think about YOUR STAKEHOLDER and <i>Generalize</i> your findings and record them below:	Recommendations: How will you incorporate your findings from the Phase 3 optimization labs into an instructions manual for your user.
The optimal azimuth for my stakeholder is: The optimal solar elevation for my stakeholder angle is: The optimal temperature is:	





Instructions Manuals:

Find three instructions manuals (using online resources, found around your house, or provided by your teacher).

What features make for a clear instructions manual?

-
-
-
-
-
-

What features could you include to tailor your instructional manual to your Stakeholder?

-
-
-
-

Create YOUR Instructions Manual:

To communicate how to use the solar charger, **create an instructions manual for your Stakeholder**. You must include:

- Professional in appearance
- At least one picture (with important parts labeled)
- Circuit diagram of solar charger including battery using conventional symbols
- Clear instructions on how to use your design
- 3 recommendations for azimuth, solar elevation angle, and temperature

This instructions manual will be turned in with your final design for grading.

