EPS 100 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solar Oven Project

Testing Modifications **(Sheet 4)**

**Testable Question #5**: How will adding a reflector affect the oven’s temperature?

**Hypothesis:**

**Explain the reasoning for your hypothesis:**

**Describe the experimental variable (what you are changing)**:

**List some controlled variables (things you must keep the same):**

* The solar oven will be covered with plastic wrap both times.
*
*

**Data:** Highest temperature reached by cooker

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: \_\_\_\_\_\_\_\_\_ Time to reach this temperature: \_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: \_\_\_\_\_\_\_\_\_ Time to reach this temperature: \_\_\_\_\_\_\_\_\_\_

**Conclusion (Use your data to provide an answer to the testable question above.)**: