



ENGINEERING DESIGN PROCESS

Solar Oven



1. Title of Experiment

2. Hypothesis (What food can I cook in my solar oven? Be sure to check with your parents!)

3. Draw a Picture of your Design (Sketch a design of your solar oven.)

Solar Oven

4. Data Collection/Observations (Draw a picture of what your finished solar oven looks like.)



5. Results (Record how long it took for your food to cook).



6. Analysis/Answer Questions

How did your food taste? Was it better or worse than cooking in a real oven?

How could you redo this activity and make it more scientific?

The heat from the sun got trapped inside your solar oven to cook your food. How is this same idea used to grow plants in greenhouses?