

Spectacular Solar Oven

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Project ID#

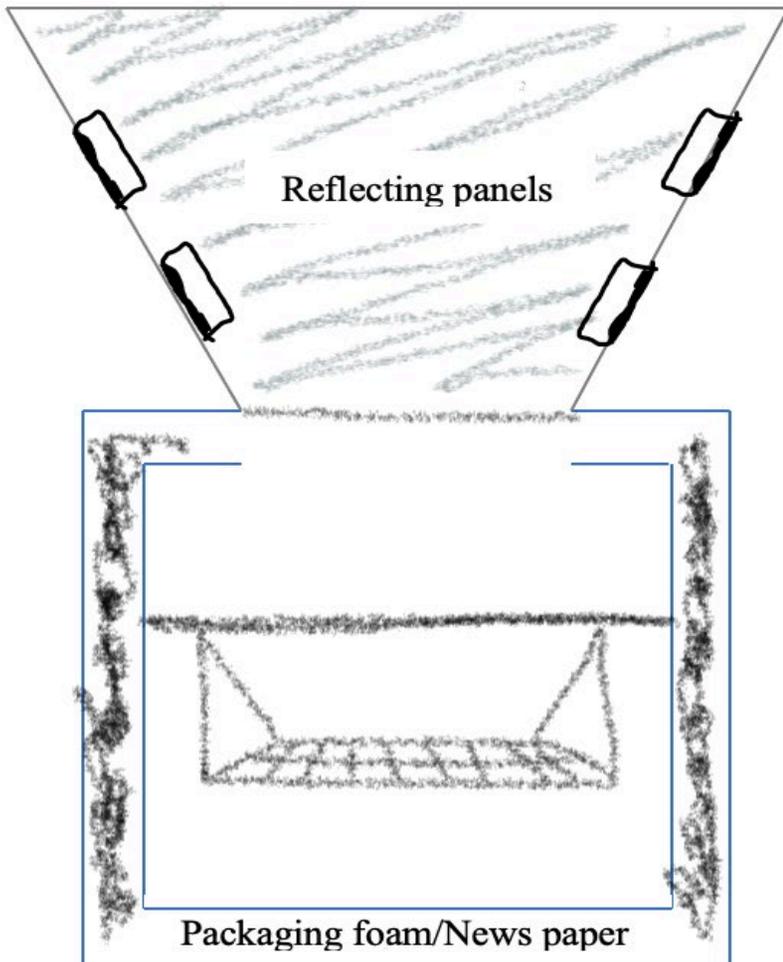
Q1: Research Question/Engineering Goal

Build an oven that is solar.
I can get my solar oven to approximately 300°F.

Q3: Data Analysis & Results

Using a solar oven to cook is a fun way to bake dishes and makes the dish taste much better compared to using an electric oven. Building a solar oven was a fun process and was inexpensive process. It was also equitably easy to construct when following directions on how to construct solar ovens. I made a few adjustments as I had to glue the insulator to the outer box. It took a little bit of time for the solar oven to heat up

Q2: Methodology/Project Design



Q4: Interpretation & Conclusions

Using a solar oven to cook is a fun way to cook and makes the dish taste much better compared to using an electric oven. Building a solar oven was a fun process and was inexpensive. It was also equitably easy to construct when following directions on how to construct solar ovens. I made a few adjustments as I had to glue the insulator to the outer box.

Ideas for future research:

- Use gorilla glue when lining the insulator between the boxes.
- Do not cut through the box completely when making an indent for the metal bar.
- Make sure to tie the wires to a big enough pan or oven rack