

Make Your Own Solar Oven

This project from more2science.com.au is a fun activity best constructed in a warm sunny location to create an amazing edible science experiment. With just a few materials anyone can make their own custom oven that can create the best melted marshmallows with chocolate.

Materials:

- Cardboard Pizza Box or Cereal Box
- Aluminium Foil
- Clingwrap or Clear Plastic
- Scissors
- Pencil or Skewer
- Glue stick
- Black paper or card
- Tape
- S'more Ingredients, Marshmallows, chocolate, graham cracker



Finished Build

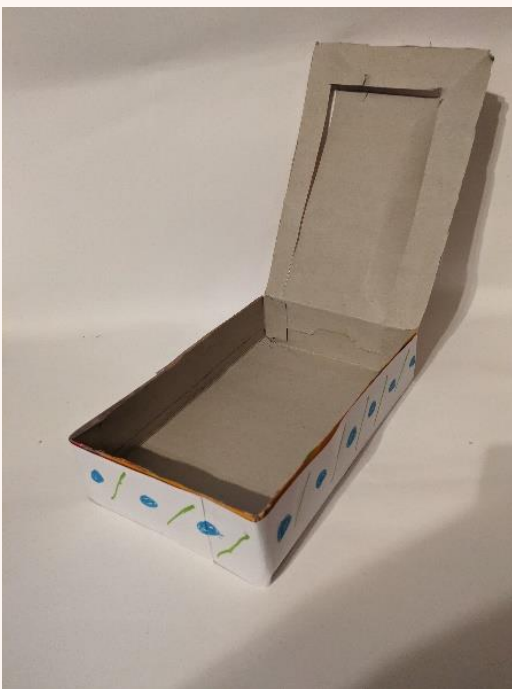


Steps To How to Make a Solar Oven

1. **Create the Oven Door:** Cut a flap on the top of your pizza box to serve as the "oven door." The size of the flap should be based on what you're cooking and how much access you need.



2. **Decorate Your Oven:** Use Sharpies to decorate your solar oven. This step is optional but can make your oven more fun, personalized and unique.



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3. **Add Black Construction Paper:** Glue black construction paper to the bottom of the box. The black colour helps absorb heat inside the oven.



4. **Apply Aluminium Foil:** Glue aluminium foil to the inside of the door flap. The foil will reflect sunlight into the oven.



5. **Cover with Plastic:** Tape plastic wrap over the opening of the door. This keeps the heat trapped inside the box while allowing the air to warm up.



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6. **Prepare Your Treats:** Place a graham cracker, a marshmallow, and a piece of chocolate inside the oven.



7. **Set Up in the Sun:** Position your oven outside in a sunny spot. Use a wooden skewer to prop the door flap open at the best angle to catch the sun's rays.

