

# Family Solar Oven Project

Making a solar oven suitable for cooking a family meal is an easy project that will not break your back or your bank.

## Materials

- 2 medium wooden boxes that will fit inside each other easily with 2 inches of space around the sides of the box (If you can not find boxes, use scrap wood to make your own.)
- Reflective sheeting
- Glue
- Scraps of fabric or clothing
- Tape measure
- Razor knife
- Nails
- Hammer
- Sheet of Plexiglas



## Instructions

1. Paint or stain wooden boxes with a high-quality stain or outdoor paint.
2. Glue reflective sheeting to all four walls of both boxes.
3. Place bunched up scraps of clothing or fabric on the bottom of the large box.
4. Center the small box on top of the scrap fabric.
5. Fill the spaces between the two boxes with more scrap fabric.
6. Cut a piece of aluminum sheeting 1 to 2 inches wide and nail it from the inside lip of the small box to the far top side of the large box to form a rim covering the insulating material.
7. Place a sheet of Plexiglas over top of the cooker.
8. Use dark cookware for best results.

## Directions for Use

- Place the solar oven outside during the hours of 11 a.m. and 3 p.m. when the sun is the highest.
- Use a thermometer to test the internal temperature before attempting to cook anything.
- Follow the directions for a solar oven recipe once you determine the maximum temperature of the oven.
- Use caution when removing cookware from oven.