

The Sun Stove

YOU DON'T NEED A GAS STOVE TO cook a hot meal while you're out exploring. Lightweight flat-pack materials like cardboard can assemble into an oven that harnesses sunlight for heat. This solar oven, designed by high school student Brandon Spellman, can reach temperatures above 200 F.

by
THOM
LEAVY

TOOLS &

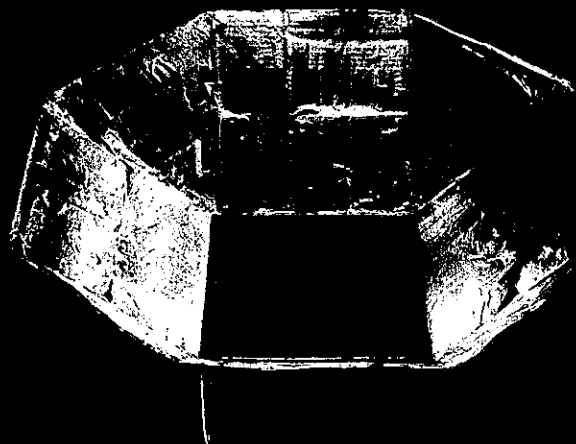
MATERIALS

- Two cardboard boxes
- Box cutter
- Silicone adhesive
- 1-inch-thick foam insulation
- Black gaffer tape
- Scissors
- Eight 1-foot bamboo skewers
- Aluminum tape
- Sheet of glass or plastic
- Oven mitts

TIME 2 hours

COST \$30

DIFFICULTY



INSTRUCTIONS

Line the inside of one box with adhesive and foam insulation, and cover the insulation with gaffer tape.

Cut duplicates of the first box's flaps from the second box. Tape the duplicates to the outer edges of the originals, doubling their surface area.

Poke two skewers into each side of the box to prop open the flaps. Adjust their angles for maximum sunlight, using the link at popsci.com/solaroven.

Cut cardboard triangles to fit in

the gaps between the flaps and affix them with gaffer tape. Cover the flaps with aluminum tape.

To cook, lay the glass on the insulation and position the oven to catch the sunlight. It gets hot, so handle with oven mitts when it's cooking.

Higher potency fast-acting liquid soft-gels **for Men**



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