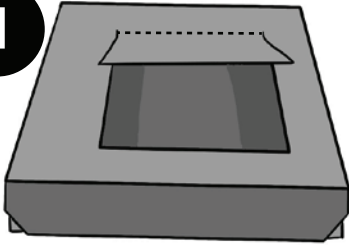


Build A Solar Oven

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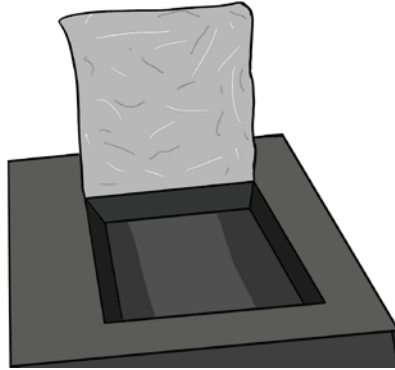
1



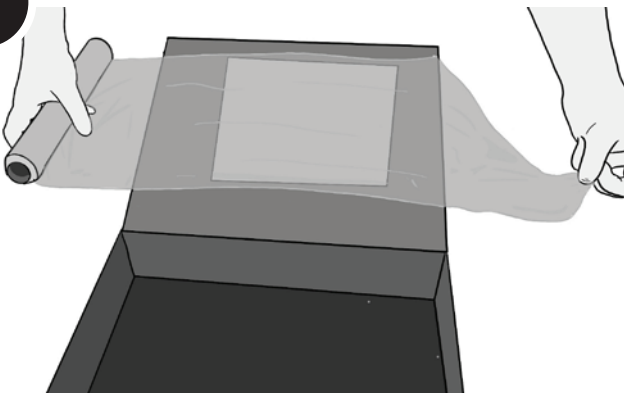
Have an adult help you cut a flap in the top of a pizza box, leaving one side attached. Fold flap open.

2

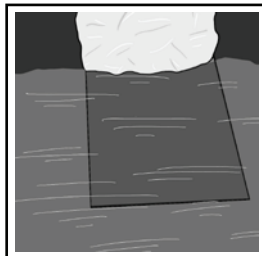
Wrap the flap with aluminum foil so that it can reflect the sun.



3



Use clear plastic to create an airtight window for solar energy to enter the box. Plastic wrap or a piece of a Ziplock bag can work as a cover. Packing tape can help secure the "window" in place and seal the opening.



BAKING TIPS

Use potholders or gloves when removing items from the oven!

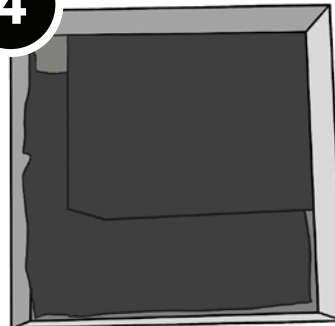
Protect your oven by baking items on a dish.

MATERIALS

pizza box
(or similar shape box)
clear tape
(packing tape works well)
aluminum foil
newspaper

plastic wrap
(or a large ziplock bag)
black paper
12" ruler

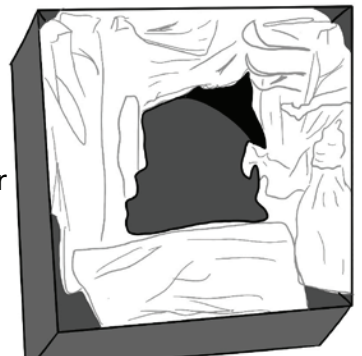
4



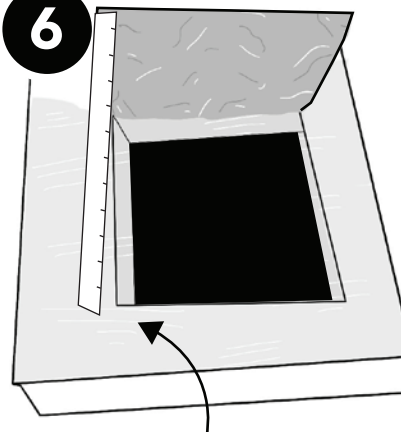
Line the bottom of the box with black construction paper - the color black absorbs heat. The black surface is where your food will be set to cook.

5

Roll up newspaper and create a border around your box - with space in the middle enough for what you want to cook. Tape the newspaper in place.



6



use a ruler to prop open

Put your oven in a sunny spot in the middle of a nice hot day. Temperatures inside can get to 200 degrees or more!

Make a quesadilla by melting cheese on a tortilla!

