

The sun is a great source of heat. If you use a reflector to multiply the sun's heat, you can even cook with the sun! Ask an adult for help.

WHAT YOU NEED:

- A sunny day
- Cardboard pizza box
- Black paper
- Scissors or utility knife
- Aluminum foil
- Plastic wrap
- Pencil or ruler
- Graham crackers
- Plain chocolate bar
- Marshmallows

WHAT YOU DO:

1. Cut out three sides of a square shape on the lid of the pizza box. Leave the side by the "hinge" of the box attached.
2. Wrap aluminum foil around this square, shiny side down. The smoother the foil is, the better it will reflect the sun.
3. Put black paper in the bottom of the box. Dark colors will soak up heat.
4. Tape plastic wrap over the hole in the lid. This will keep warm air in your oven.
5. Place a paper plate with a graham cracker, a piece of chocolate, and a marshmallow inside the box.
6. Close the lid, and prop up the foil flap with a pencil or ruler.
7. Put your oven in the sun. Find the angle that reflects the most sunlight into your oven. How long did it take the chocolate and marshmallow to melt? Now you can enjoy your treat!

TRY THIS! SOLAR-COOKED S'MORES TRY THIS!

