

SOLAR OVEN S'MORES



Visit us at www.PageTurnerAdventures.com

A note from Page

This activity is a craft, science project, and recipe all rolled into one!

A solar oven is a box that traps some of the sun's energy to make the air inside the box hotter than the air outside the box. This same air can cook things too! That's how we're going to cook gooey, yummy s'mores

Materials:

Oven:

- 1 Large Cereal Box
- 2 Sheets of Aluminum Foil
- Plastic Wrap
- Glue Stick
- Tape
- Black Marker
- Ruler
- Chopstick or Pencil

S'mores:

- Graham Cracker
- Small Piece of Chocolate
- Marshmallow



Directions

Solar Oven:

1. Cut off the cereal box cover. Tape the two sides together and set aside for later.
2. Set the box flat on a table. Measure a 1 ½ inch square around the top panel.
3. Cut out three sides of the square, leaving one side attached to the box, creating a flap.
4. Tape up the gap in the box you had to cut to create the flap.
5. Apply the glue stick to the flap.
6. Wrap the flap with aluminum foil, shiny side out.
7. Line the inside of the box with aluminum foil, shiny side out.
8. Stretch plastic wrap across the opening created by the flap. Tape down the plastic wrap.
9. Reattach the cereal box top (which is now the side) by taping the top to the box. Leave the sides and bottom, so it creates a small side flap.
10. Now it's time to get cooking!

Careful! Hot Stuff! Ask an adult to help

S'mores:

1. Create a small "pan" from aluminum foil
2. Place the graham cracker on the foil. Stack the chocolate on top of the graham cracker, and the marshmallow on top of the chocolate.
3. Insert the aluminum "pan" into the solar oven and
4. Place your solar oven outside in the sun. You might need to prop open the flap with a pencil or stick. (Tape in place if necessary.)
5. WAIT. This might take a while.
6. Eventually, the oven will "cook" your s'more!

If you'd like to show us your oven or s'more let us know with the hashtag #Storyologist!