



NAME: _____

DATE: _____

CRAFT INSPIRED BY

Painting the Town Cool

MATERIALS

- ★ Cardboard pizza box
- ★ Ruler or straight-edge
- ★ Box cutter or scissors
- ★ Aluminum foil
- ★ Glue stick or tape
- ★ Dish or plate
- ★ Snack ingredients



DIY SOLAR OVEN

A solar oven is a box that traps the Sun's energy to make the air inside the box hotter than the air outside the box. Build your own solar oven and get baking!

CRAFT
WOW TO:

1 Using a ruler, draw a square one inch in from the edges of the top of the box.

2 Cut along three of the four sides of the square, keeping the fourth side attached. Then make a crease along the 4th uncut side to create a flap.

3 Cover the inner side of this flap with foil securing it with glue stick or tape. Line the inside of the box with foil as well, gluing it down and making it as smooth as possible.

4 Decide what you would like to cook in your solar oven (s'mores, nachos, etc.) Whatever you decide to make, be sure to set the food on a dish or plate.

5 Place the oven in direct Sun on a day when the outdoor temperature is at least 85 degrees Fahrenheit. The best time to cook with a solar oven is between 11 AM and 2 PM.

6 It's time to cook! Use your ruler (or a stick) to hold up the flap. Remember to be patient. Enjoy your snack!