



ADVENTURES IN CARDBOARD'S

## **Cooktop Oven**

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### **SUPPLIES NEEDED**

SCOTCH® HEAVY DUTY SHIPPING AND PACKAGING TAPE  
DOUBLE-PLY CARDBOARD (LARGE APPLIANCE BOXES WORK BEST)  
SCOTCH™ TITANIUM UTILITY KNIFE  
PERMANENT INK MARKER





**STEP 1 :**

## **TRACE TWO SIDE TEMPLATES**

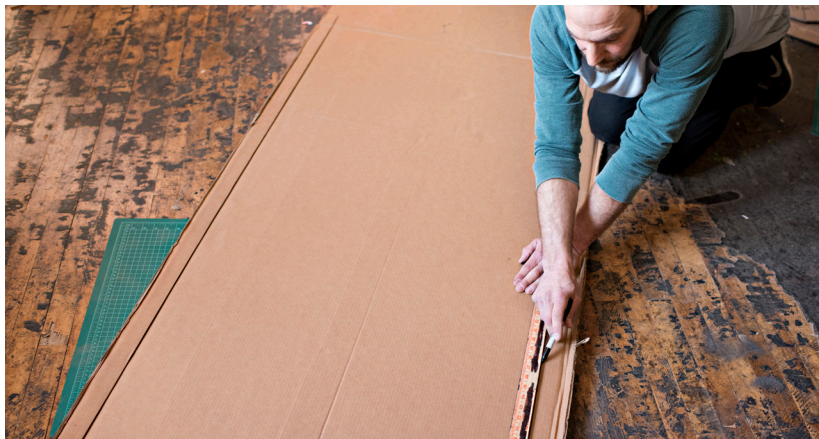
Trace the side template twice onto a large piece of cardboard.



**STEP 2 :**

## **CUT OUT SIDE TEMPLATES**

Cut out both side templates. Make sure your blade is fresh and pull it along evenly. Don't hack or saw, you want a clean edge on all of your cuts. If your knife doesn't pull and slice easily then replace the blade with a fresh one.



**STEP 3 :**

## **TRACE AND CUT MIDDLE STRIP TEMPLATE**

Trace the middle strip template and cut it out. You will be taping the middle strip in between your two sides to essentially create a box.



**STEP 4 :**

## **BEGIN ATTACHING MIDDLE STRIP AND SIDES**

Starting at the bottom front corner of one side, attach the middle strip, taping at right angles every inch or so until you hit the rounded corner of the side. As you tape, make sure you align the inner edges of the cardboard and pinch the outer edges so that the pieces lock together and do not slip. Once the front of the first side is taped, turn your oven over so the attached side is flat against the ground and attach the second side as above.



**STEP 5 :**

## **BEND AROUND THE ROUNDED CORNER**

Gently bend the middle strip over the rounded corner of the two sides. Continue taping as before on each side until you hit the next corner.



**STEP 6 :**

## **DRAW A LINE AT THE CORNER**

Where the middle strip intersects with the top portion of the sides, draw a line across the middle strip as shown.





**STEP 7 :**

## **SCORE THE LINE**

Using your utility knife, score the line you've drawn. Do this by inserting the blade into just the first layer of cardboard to form a shallow groove, being careful not to cut all the way through. This will make it easier to bend your strip to fit it between the two sides.



**STEP 8 :**

## **REPEAT AT EACH CORNER**

Continue taping each side as before until you reach the next bend. Repeat steps 6 and 7 on the next three corners of the side pieces.



**STEP 9 :**

## **REINFORCE WITH TAPE**

Continue taping the middle strip to both sides, wrapping it around the top and forming the back of the oven until it is completely attached, taking care to reinforce the cardboard at each bend.



**STEP 10 :**

## **TRACE AND CUT A DOOR**

Draw a door onto the front of the oven and cut the left, top and right sides. Remember to leave the bottom side intact so the door remains attached.



**STEP 11 :**

## **CUT AND ATTACH A HANDEL**

Cut a rectangular strip of cardboard and bend it to form a handle as pictured. Attach with tape.



**STEP 12 :**

## **DRAW TEMPERATURE KNOBS**

Trace a round object (like the inside of a roll of Scotch® Heavy Duty Shipping Packaging Tape) to add knobs to the front of your oven.





STEP 13 :

## DRAW BURNERS

Don't forget to draw on burners. Any style will do, but a simple swirl is easiest.



STEP 14 :

## ADD FINAL DETAILS

Add on any other fun details you want. You can include a thermometer, a clock display, a personalized brand name. Let your imagination run wild!



STEP 15 :

## CUT-OUT BURNERS AND KNOBS

**Extra Credit:** If you want to take your project a step further, you can fashion 3-D burners and knobs by tracing a few simple shapes (see picture). Cut out four large circles and four burner rings for burners, or four small circles and four wedges for knobs.



STEP 16 :

## ATTACH BURNERS

**Extra Credit:** For burners, glue the large circles down to the top of the oven first to act as a base, and then glue the burner rings on top of those. For knobs, glue the small circles to the front of the oven, fold your wedges and glue them on top of the circles.



STEP 17 :

## BAKE SOMETHING DELICIOUS

**Extra Credit:** Draw and cut out any cardboard items you want to bake or roast! Chocolate chip cookies, a chicken, a blueberry pie, it's up to you!



STEP 17 :

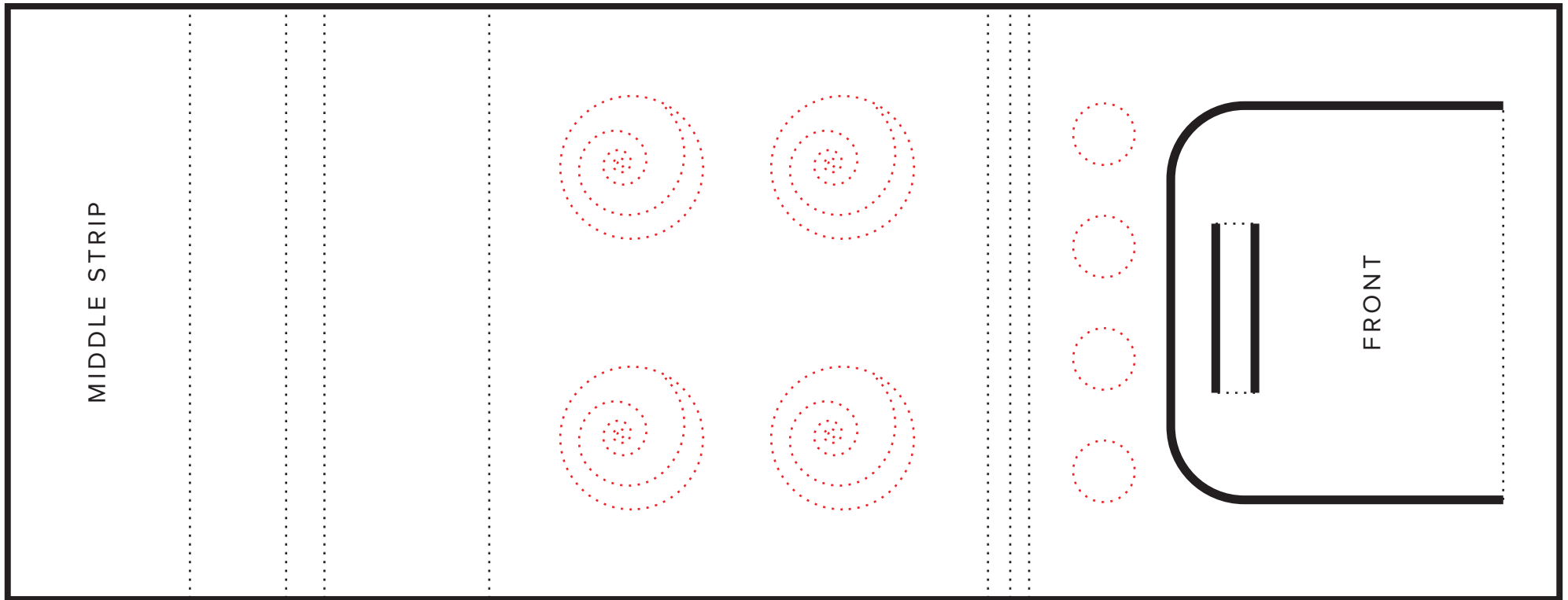
## A STEP FURTHER

**Extra Credit:** Another way to take your oven up a notch is to add papier-mâché and paint. Make papier-mâché by mixing 2 parts glue with 1 part water. Rip up small strips of brown paper bag, no wider than 1.5". Apply over taped-edges and all tape, smooth it out and overlap the wet strips of papier-mâché as you go. For the smaller details use thinner strips of brown paper to keep it smooth. Let dry one hour and paint!



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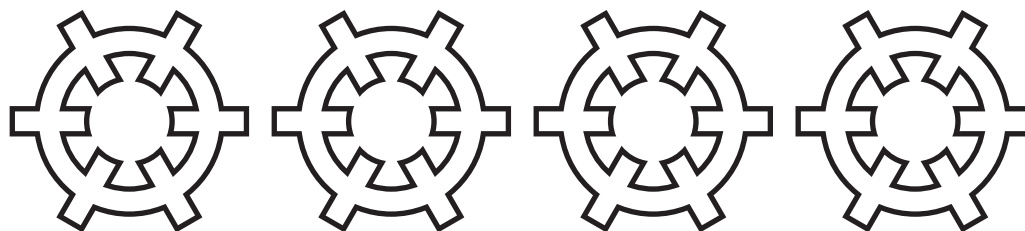






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LEFT SIDE

RIGHT SIDE