

THE MINITIME MACHINE PRESENTS

# HOW TO

A SERIES OF  
PROJECTS FOR  
the beginning  
miniature maker

JUNE 2018: TINY JACK-IN-THE-BOX



## Materials and Supplies:

Toothpick

White polymer clay

Craft paint: blue, yellow, red

Fine tip Sharpies: black and red

½" Wooden cube

1 Ball-head pin (Use one with a red, blue or yellow ball.)

1" Square of silver cardstock

2" Square of metallic red cardstock

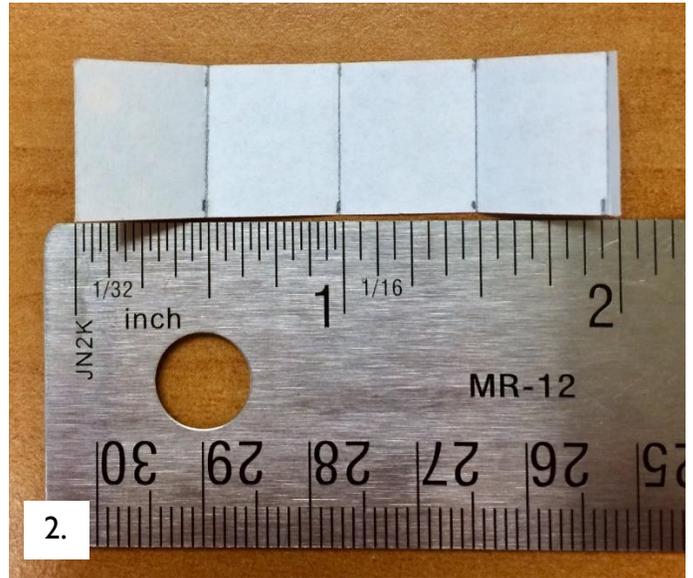
Jack-in-the-Box printie

ruler, pencil, scissor, self-healing cutting mat, X-Acto knife, Tacky glue, standard (1/4") hole-punch, awl, #0 round paintbrush, needle nose pliers, wire cutter

## Instructions:

### Create your box

1. Use the awl to poke a hole in the center of your wood cube. The hole needs to be about  $\frac{1}{4}$ " deep.
2. Cut out a  $\frac{7}{8}$ " square from the metallic red cardstock. Use the hole-punch to make a hole in the middle of your square. Apply Tacky glue to the back of your red square and attach it to the cube on the side you just poked the hole into.

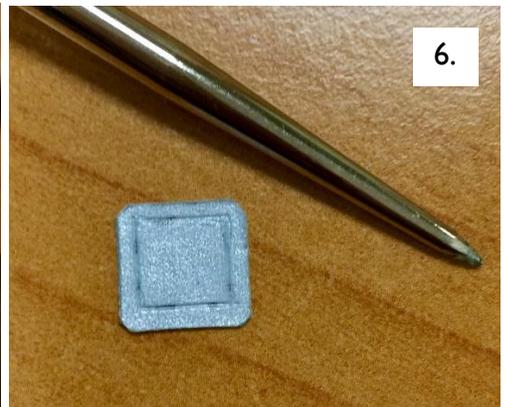
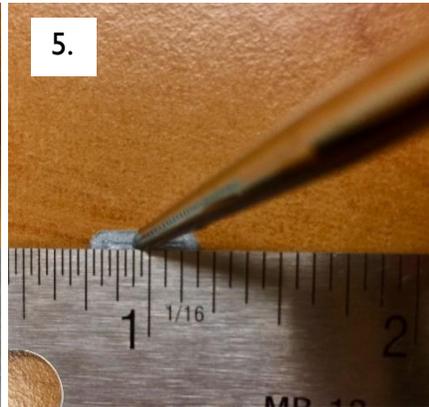
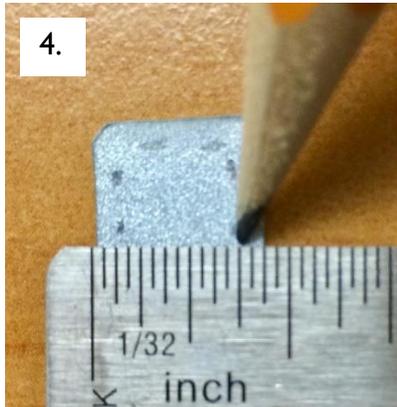


3. Print the jack-in-box printie. Use the X-Acto knife, ruler and cutting mat to cut out the printie. Trim the red border off the right side of the paper as pictured in illustration 1.
4. Turn the printie over, making sure the trimmed end is now to the left. Measure and draw a line at  $\frac{1}{2}$ " increments across your printie. The right edge (with the red on the printed side) will end up with a  $\frac{1}{16}$ " lip. Fold the printie along each line. See illustration 2.

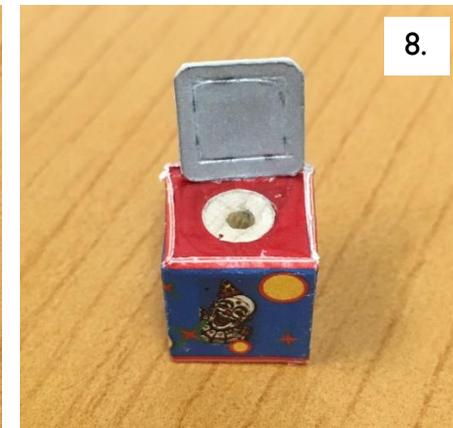


5. Now you will attach the printie to the cube. Make sure the side of the cube with the hole is at the top, then use a brush to apply Tacky glue around the parameter of the cube. Begin wrapping the printing around the cube starting with the  $\frac{1}{16}$ " lip of the printie at one corner. Be sure the bottom of the printie is lined up with the bottom of the cube. The top edge of the printie will protrude slightly above the cube. See illustration 3. Use a toothpick to apply glue to the lip of the printie and fold it over the top edge of the box.

6. Next you will make the lid of your box. Glue the remaining piece of red cardstock to the silver cardstock using Tacky glue. Once the glue has set, cut out a  $7/16$ " square. Trim off the corners of the square with the scissors.

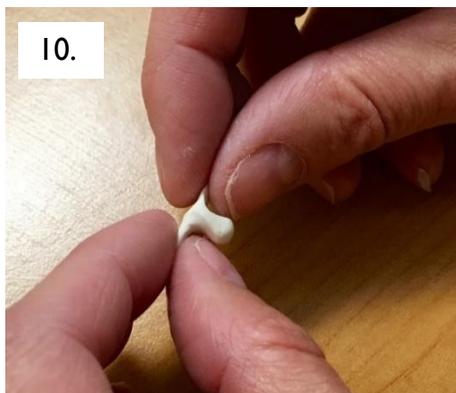


7. With the silver side facing you, measure  $1/16$ " around the parameter of the square and use your awl to incise a line around the parameter. See illustrations 4, 5 and 6.



8. Use the X-Acto knife to cut a groove in the top of the box to support the lid. Apply Tacky glue to the groove and then position the lid to adhere it to the box. See illustrations 7 and 8.
9. Now you will create and attach the crank to the box. Bend the steel of the pin at a 45 degree angle  $1/8$ " from the ball on the pin. Bend the pin at a 45 degree angle again. See illustration 9. Use the wire cutter to trim the end of the pin to  $1/4$ ".
10. Use the awl to poke a hole in the center of the right side of your box. Put a drop of Tacky glue in the hole and insert the end of the pin.

### Create Jack



1. Using 1/4" ball of polymer clay, roll a tube approximately 3/8" tall. This will be Jack's body. Use the tips of your fingers to stretch the clay into a "T" shape forming tiny arms. See illustration 10.
2. Using the tip of the toothpick or your fingertips, make indentations in the clay body to make it look like wrinkled fabric. See illustration 11.



3. Roll a 1/8" ball of clay and then flatten it. This will be Jack's ruffle collar. Roll another 1/8" ball of clay. Use your fingertips and gently stretch one side of the ball forming a teardrop shape. This will be Jack's head with pointed hat. See illustration 12.
4. Measure and mark 3/4" from the tip of your toothpick. Gently insert this end into the bottom of Jack's body until the tip pokes through the top. Insert the tip of the toothpick through the center of the ruffle collar and then into the base of the head. See illustration 13.
5. Bake Jack following baking instructions on the polymer clay packaging. Once the clay has cooled, use the black Sharpie to draw tiny eyes and a smile. Use the red Sharpie to draw a nose and cheeks.
6. Next, carefully paint the collar and hat red. Once the red paint is dry, paint Jack's body yellow. Apply tiny dots of yellow paint to the hat. Once the yellow paint is dry, apply tiny dots of blue paint to the body creating a polka dot costume.
7. Once all the paint is dry, use a scissors to trim the toothpick at the 3/4" mark. Put a drop of glue into the hole in the top of the box and stick Jack into the box to complete your project.

### Jack-in-the-Box Printie

