Puzzle-Face™ Push Mold (PF4)
with Flashing smile and 4 eye variations
A Tool for creating 1.5" to 2.25" faces
by Maureen Carlson

Caution: Our silicone rubber is not FDA approved for use with food products.

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PUZZLE-FACE™ MOLD PF4
With Flashing Smile and 4 Eye Variations

Use this Puzzle-Face Push Mold to quickly form the basic shapes that make up a face. Then put the pieces together, like pieces of a puzzle, to complete the basic face structure.

YOU CHOOSE THE SIZE: The size and positioning of each facial feature, plus the size and shape of the head itself, determine the appearance of each finished character. Each of the heads in the above photo began with an egg-shaped head and the very same features. Yet the finished heads look quite different from each other, mostly because of the relationship of the features to the size and shape of the head. The heads range from 1 1/2 inches to 2 1/4 inches tall.

Mold PF4 comes with four cavities for making different types of eyes:

- **Eye with hollow center**: Use as is, or bake eye, then fill hole with colored clay to create an iris. Add a dot of black for the pupil and a tiny spot of white for highlight, using either clay or paint.

- **Eye with dotted center**: Use as is, or bake, then add paint to center. Wipe away excess paint.

To make an open mouth, first make hole for mouth into clay base, then add teeth, either baked or unbaked. Add lips to cover teeth.
How to Use the Puzzle-Face™ Molds to Create Unique One-of-a-Kind Characters

Note: In this instruction sheet, we're using mold PF1 to demonstrate the process of using Puzzle-Face Push Molds. See back of pamphlet for more molds in the series.

**Step 1.** Roll a ball of clay until it is smooth. Form it into the basic shape of the desired piece, then press into mold. Notice that the nose begins as a short cone-shaped piece while the chin and jaw in PF1 begin as a rope with a bulge in the middle. PF2 and PF3 do not have the extra jaw extension.

**Step 2.** Press clay into mold to test the amount of clay needed for each piece. **Clay should not overflow mold.** Press clay towards center of each cavity so that mold edges are visible, as in the right cheek, above. If clay overflows edges, trim away extra clay, being careful not to cut mold. Reshape edges while clay is still in mold.

**Step 3.** To remove deep pieces from mold, first be sure that all clay edges are pressed slightly towards center so that mold edges are visible. Press a second piece of clay against molded piece and carefully lift from mold.
Step 4. Shape head as desired. This sample shows the profile view for a Tool Troll Project with movable head. A more realistic head shape would include a bulge for chin and forehead along the front line of the face.

Step 5. Mark a line down the center of both the front and sides of head. Press chin in place.

If chin piece includes a jaw bone, place jaw so that it extends towards the center line on the sides of the head, then turn up the ends just below and in front of the ear line. In the photo, the jaw extends a bit too far behind the line.

Step 6. Lightly position brow and nose. Note that the placement of the brow and the size of the nose often determine whether a character is realistic or caricatured. Trim and reshape nose if desired. The average size of a forehead, below the hairline, is 1/3 of the face.

Step 7. Place teeth in place. To determine average placement of teeth, measure the space from bottom of nose to bottom of chin, and divide it into thirds. The average opening of the mouth is 1/3 down from the nose. **Note:** Mold PF3 does not include teeth. **Hint:** Make teeth, then bake them in a slight curve. Easier to use!
Step 8. Remove nose so that it will be easier to add lips. Using a rounded tool, press against curve in upper lip to secure it in place. Don’t press it flat!!! The nose will sit on top of the ledge that is created by the lip.

Check the profile view to be sure that the edge of the bottom lip piece sits on top of chin. You may need to roll a round tool, such as a #6 or 8 knitting needle, under the lip to make the indentation mark between chin and lip.

Hint: The more that a person is smiling, the more comma-shaped the cheeks become. The lips also stretch and become wider—but flatter. You lose much of the cupids bow appearance. Look in a mirror and check it out. This smiling face is from Mold PF2.

Step 9. Position nose on top of ledge that is created by the upper lip. Trim top of lip or top of nose, if necessary, to make nose fit into space. If you are making a really elongated face, you can also stretch nose.

Tuck cheeks in against sides of nose. Be sure and check the profile view! (Examples from PF2, above, and PF1, below)
**Step 10.** Make cavity for eyes, then press in place. Use a needle tool to mark corners of eyes. (The pictured eyes are dark beads. Mold PF4 includes 4 eye variations. Add eyelids. Since they are so small, you could use the mold as a template, but shape the eyelids by hand. Hint: Lift forehead piece, then replace over eyelids.

**Step 11.** Press ear behind half line of head, between top of eye and just under the nose. Use rounded tool to press center of ear to secure clay in place.

**Step 12.** If you wish to smooth seam lines, use a swiping, blending motion with your thumb, or use a smooth rounded tool such as a knitting needle.

**Step 13.** Use blunt tool such as a knitting needle to press in and lift up on nostrils. Do final smoothing with a soft brush, using repetitive motions.
MORE SCULPTING TIPS and TECHNIQUES

More information about sculpting with polymer clay can be found in these books written by Maureen Carlson, and available at www.weefolk.com as well as at major book sellers. Maureen also teaches classes in Jordan, Minnesota, USA at Maureen Carlson’s Center for Creative Arts (www.maureenCarlson.com).

Fairies, Gnomes and Trolls is an adventure in imagination. Projects range from mushroom gnomes to rock figures to fairies.

How to Make Clay Characters, published in 1997, has sold more than 100,000 copies worldwide.

If you’d like more intense study of faces, Family and Friends in Polymer Clay is the book for you. Includes photos of real people for analysis and comparison of facial shapes and spatial relationships.

Learn how to sculpt realistic faces step by step. DVD: Sculpting Magical, Marvelous Masks. Learn how to give your clay characters an extra dimension with a clay mask, either realistic or whimsical.
Need more help and instruction? Watch Maureen’s video (pdfvd)

Mix and Match features of all 4 molds to create an endless variety of faces.

Leave "character" lines, or blend with finger, rolling tool and brushes.