

Free-Standing Personalized Clock



Materials:

- [GM109 Medium Bend-It](#)
- [Fusible Compatible Glass \(COE96 Used\)](#):
 - 8.25" x 5.5" Sheet of White
 - Various Compatible Scrap
- Photo Transfer Paper
- Laser Printer with Iron Oxide-Based Toner
- Suitable Glass Separator/ZYP
- Kiln Shelf Paper
- Water and Sponge or Soft Brush
- Glass Cutting Tools
- 5/16" Clock Movement with 2.5"-3" Hands
- Batteries for Clock Movement
- 1/4" Diamond Core Drill Bit

Use photo editing software to create a personalized image that is about 3" x 3". Work in grayscale as you create your image to maximize clarity and contrast. Either make or find your own clock face or see **Page 2** for some ready to print.

Fill the Photo Transfer Paper completely with images before printing for maximum usage. Follow the printing instructions that came with your particular paper.



Once you've created and printed your image onto the Transfer Paper, cut closely around it with scissors.



Submerge the image in water and allow it to soak until the decal begins to separate.



Transfer the decal from the paper backing onto the glass with the image facing forward.



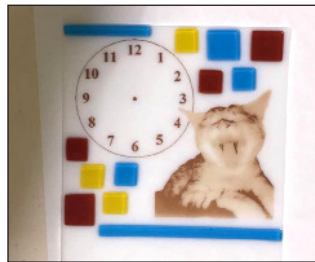
Smooth the decal onto the glass and displace any air and water out from under it with a sponge or brush.



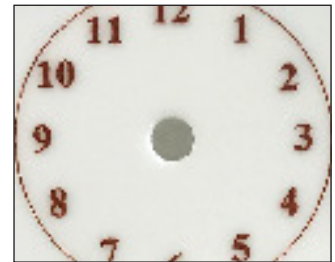
Arrange the decal on the glass so the clock face remains straight and the decal doesn't extend into the bottom 2.5" of glass.



Use compatible scrap pieces of glass to decorate, again keeping the bottom 2.5" of glass empty.



Move the project onto Kiln Shelf Paper on a shelf in the kiln. Fire using the suggested schedule in **Table 1** or your own preferred Tack Fire.



Use a 1/4" Drill Bit to drill a hole in the center of the clock face once the glass cools. Wear proper respiratory protection as you drill.



Treat the GM109 with glass separator, move it to a level shelf in the kiln, and place the project on top as shown. Fire using the suggested schedule in **Table 2**, adjusted as needed for your kiln.



Once cool, place the center of the clock mechanism through the hole in the clock face. Add the washer and hands to the front of the clock face and put in the batteries to finish!

Table 1: Tack Fire*

Seg.	Rate	Temp (°F)	Hold
1	150	1200	30
2	275	1225	45
3	375	1380	05
4	9999	950**	60

*Before firing, it's important to know your kiln. For tips on that, [please click here to see our Important Firing Notes!](#)

**If using COE90, adjust these to 900°F

Table 2: Bend*

Seg.	Rate	Temp (°F)	Hold
1	250	1215	60
2	300	1260	20
3	9999	950**	60

Clock Faces

****If printing, make sure to print at "Actual Size" or 100%!****

