

Free-Standing Personalized Clock



Use photo editing software to create a personalized image of your choice that is roughly 3"x3". Find some clock faces on **Page 2**, or create your own!

Work in gray scale to adjust the images to create clarity and contrast while monotone. Work to maximize the use of the photo transfer paper by filling the page completely with images before printing. Follow the printing instructions that came with the transfer paper.

Materials Required:

- [GMI09 Medium Bend It](#)
- 8.25" x 5.5" sheet of COE96 White Glass
- Photo transfer paper
- Laser Printer with iron oxide-based toner
- Various colors and opacities of scrap glass
- Suitable Glass Separator/ZYP
- Thin Fire Paper
- Water and Sponge or Soft Brush
- Glass Cutting Tools
- 5/16" Clock Movement with 2.5"-3" hands
- Batteries for clock
- 1/4" diamond core drill bit



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.



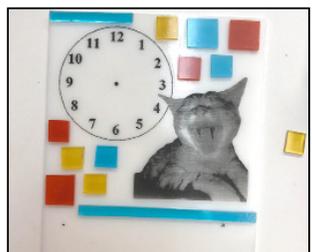
Transfer the decal from the paper backing onto the glass with the image facing forward.



Use a sponge or wide, soft brush to smooth the decal onto the glass and displace any air and water out from under it.



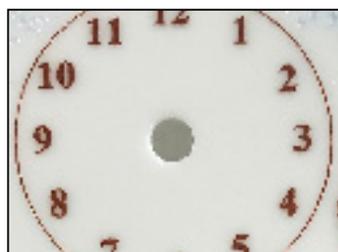
Arrange the decal so that the clock face is kept straight and the decal doesn't extend into the bottom 2.5" of the glass.



Use scrap pieces of compatible glass to decorate around the decal and above the bottom 2.5" of glass.



Place the project on a sheet of Kiln Shelf Paper on a level shelf in the kiln and Tack 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.



Place the fused and cooled glass on the GM109 that has been treated well with glass separator and fire using the suggested schedule in **Table 2**.



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 to finish!

Table 1: Tack Fire

Segment	Rate	Temp	Hold
1	150	1200	30
2	275	1225	45
3	375	1380	05
4	9999	950*	60

If using COE90, adjust to 900°F

Table 2: Bend It

Segment	Rate	Temp	Hold
1	250	1215	60
2	300	1260	20
3	9999	950*	60

Before firing, check our [Firing Notes](#) by clicking here for suggestions on getting to know your kiln!

Cat image courtesy of Vira Lewis Dobbins

On your printer settings select "Print Actual Size"

