

GX17 MANDALA



Image 1

Materials:

- [GX17 Mandala](#)
- COE96 Glass (See Right)
- Suitable Glass Separator/ZYP
- Frit Placement Tools
- Glass Cutting Tools
- [F2 Fine Frits](#):
 - Yellow Opal
 - Orange Opal
 - Flame Opal
 - Marigold Opal
 - Turquoise Blue Opal
- [Sheet Glass](#):
 - White
 - Yellow



Image 2

A "mandala," taken from the classical South Asian language of Sanskrit where it means "circle," is a geometric configuration of shapes that is typically quite symmetrical in design. They are key tools in many spiritual traditions, where they are often used as general tools of spiritual guidance. Creating or even simply coloring in a mandala is often said to have relaxing or meditative properties. Mandalas range from simple to highly detailed. Here at Creative Paradise, we've created a simple yet beautiful mandala flower for coloring in with frit!

Begin by treating the mold thoroughly with glass separator (**Image 1**). Make sure your separator has plenty of time to dry before adding frit, and always wear a mask if using a spray-on separator and/or powder frit.



Image 3

For this pattern, adding frit from the outside in can be helpful. That way if frit spills over it can be covered by the next color (**Image 2**). Another way to clean up any frit spillage is by using an Earwax Vacuum (**Image 3**). We use earwax vacuums frequently here for precise frit clean-up, so if you make a lot of pieces with frit it may be worth investing in one! You want one with a soft rubber tip to avoid scratching or removing your separator. You can often find them at drug stores or large online retailers.

Add your choice of frit colors into the mandala pattern. Fine Opal frits were used in this example in the following order (from outside to inside): Marigold, Yellow, Flame, Turquoise Blue, Yellow, Orange, and finally Flame in the very center (**Images 2 & 4**).



Image 4

Cut a 6.5" x 6.5" square of compatible White or another color of your choice and place it on top of the frit once you're happy with your design. Then cut a 6.75" x 6.75" square of compatible Yellow or another color and place it directly on top of the other sheet. Once all the glass is in place, place the project carefully on kiln posts in the kiln and fire to a Full Fuse using the suggested schedule in **Table 1** or your own preferred Full Fuse with a bubble squeeze.

Once your project has fused and cooled, you can then slump if desired. You can follow the suggested schedule in **Table 2** or use your own favorite Slumping schedule.



Image 5

Table 1: Full Fuse*

Seg	Rate	Temp °F	Hold
1	275	1215	30
2	50	1250	30
3	275	1330	10
4	350	1465	10
5	9999	950**	60
6	100	500	05

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

Table 2: Slump*

Seg	Rate	Temp °F	Hold
1	275	1215	30
2	50	1250	30
3	9999	950**	60
4	100	500	05

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



Image 6

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

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