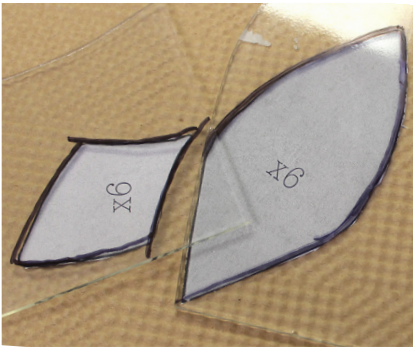


Creating the Red Iridized Poinsettia Bowl Base

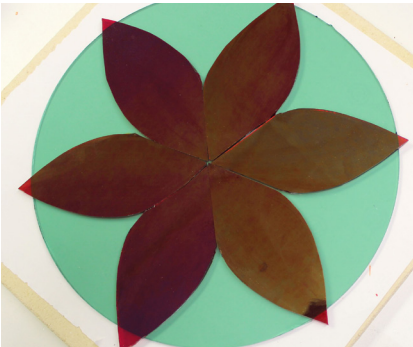


Cut a 10" circle from COE 96 Sea Green transparent glass. Place the circle onto a 12" x 12" piece of kiln shelf paper on a kiln shelf or tile.

Using the small and large petal pattern provided (diagram 1), cut out 6 small and 6 large petals from COE 96 Cherry Red Iridized glass. A great tip for cutting pattern pieces is to first cut one each of the pattern shapes out of clear glass. Label the clear glass pattern pieces indicating what the piece is and how many need to be cut. These pieces of clear glass can be placed ontop of the Cherry Red Iridized glass and used to trace the pattern onto the glass. Place your clear pieces in a bag and keep in a safe place for future projects.

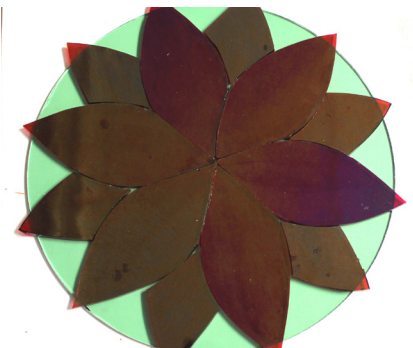


After you have traced and cut 6 large and 6 small petal shapes from the Cherry Red Iridized glass, arrange the large petals on the Sea Green circle according to the placement pattern provided. Place the small petals between each large petal as indicated in the placement pattern. Take care to make sure that each petal is on the glass circle with the iridized surface facing up. The tips of the petals will extend slightly beyond the circle below. Gaps between the petals are almost impossible to avoid.



Use a tiny dot of a glue for fusing or Clear Elmers glue beneath each petal to glue the petals into place. A toothpick can be used to apply the glue to help assure that too much glue is not used. Too much glue can lead to a bubble or an eruption between the glass layers.

After the glue is set, sprinkle fine grain COE 96 Cherry Red frit into the creases between the petals. Use a brush or your finger sweep to the frit into the creases and to clear the frit from the green circle and from other areas of the petals.



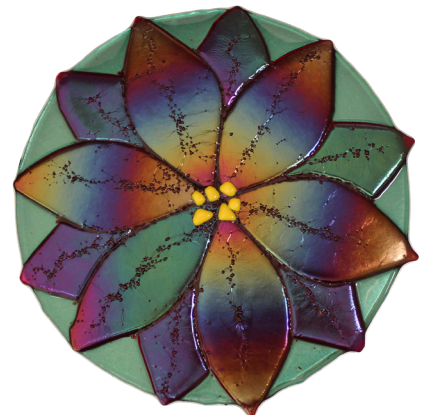
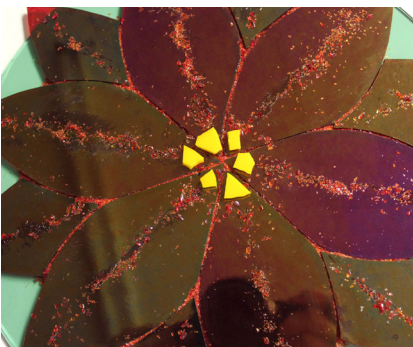
Use fine and medium grain COE 96 Cherry Red frit to create imperfect center lines of frit through the middle of each petal. Arrange a small amount of this frit in the center area of the flower as well. A bit of glue can be helpful to keep the frit in place during the move to the kiln.

Use a mosaic nipper to cut 6 small pieces (between 1/4" & 1/8") of Sunflower Opal COE 96. Arrange these yellow pieces as center pieces for the poinsettia.

Fire the project in a kiln using the following firing schedule:

Segment	Rate	Temp	Hold
1	300	1100	10
2	275	1225	40
3	275	1320	15
4	275	1470	0
5	9999	960	90
6	100	800	5

(Table 1)



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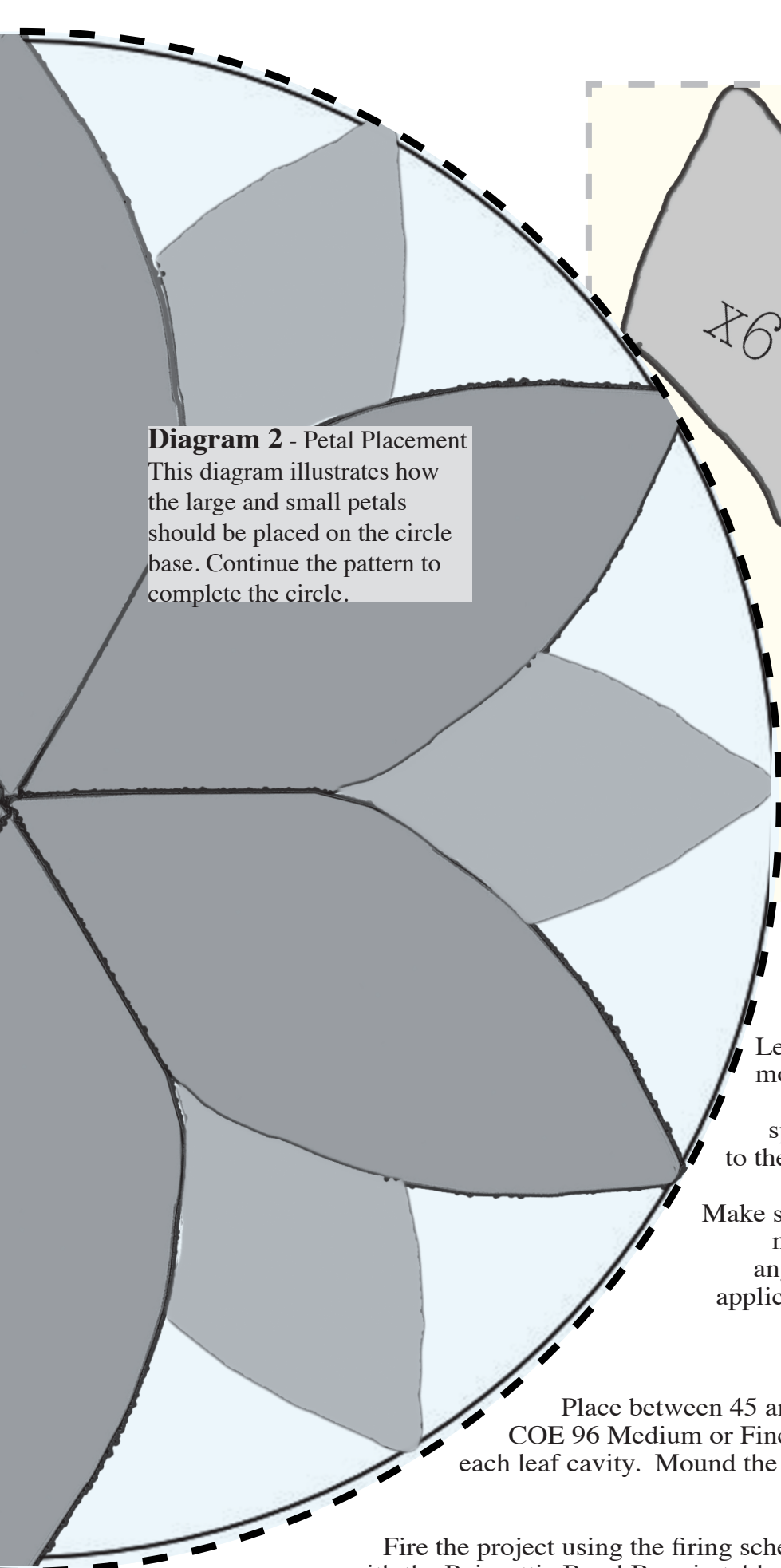


Diagram 2 - Petal Placement

This diagram illustrates how the large and small petals should be placed on the circle base. Continue the pattern to complete the circle.

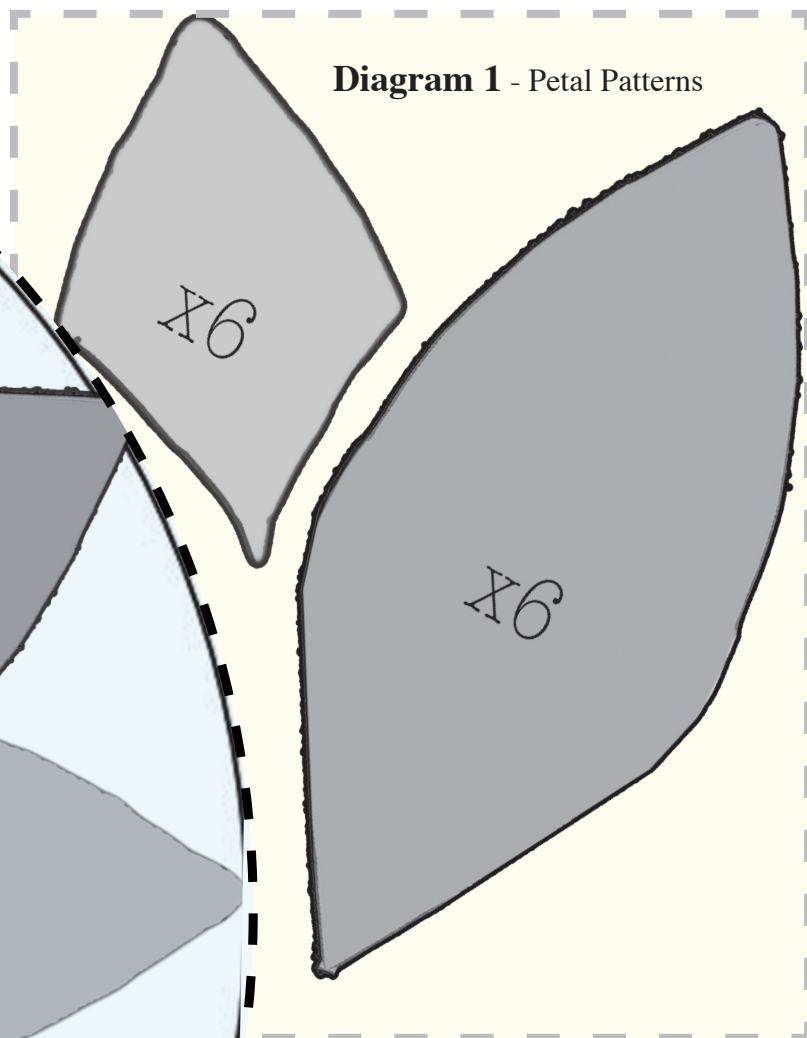


Diagram 1 - Petal Patterns

Creating the Fused Glass Leaf Feet

Treat LF99 Leaf Feet casting mold with MR97 Boron Nitride spray according to the manufactures instructions. Make sure to hold the mold at various angles during the application to assure coverage into deep recesses.



Place between 45 and 50 grams of COE 96 Medium or Fine grain frit into each leaf cavity. Mound the frit away from the mold wall.

Fire the project using the firing schedule provided with the Poinsettia Bowl Base in table 1 (can be fired in the same kiln firing as the bowl base).

The leaf feet featured on the poinsettia bowl photographed were made by placing COE 96 Pastel Green into the mold first followed by COE 96 Light Green and lastly COE 96 Clear.

Draping the Glass and Adding Feet



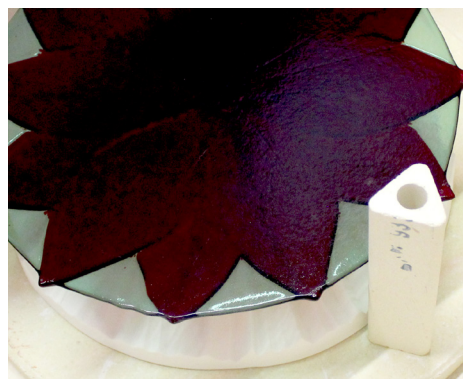
The instructions for using the GM130 Ripple Drape with feet formed using the LF99 Leaf Feet mold to follow can be used with to drape a wide variety of glass blanks and feet on these molds. The bowl blank should be 9" - 11" dia. and roughly two layers of glass thick (well annealed in the fuse-firing) and the feet should weight between 45 and 50 grams each.

Treat a GM130 Ripple Drape mold with MR97 Boron Nitride Spray according to the manufacturer's instructions. Take care to apply the spray into the various crevices of the mold by holding the mold at different angles when applying the spray. Place the mold on a shelf in the center of a suitable kiln.



Use a Sharpee pen to make a small mark designating the center of circle on the back side of the Red Iridized Poinsettia Bowl blank.

Place the Red Iridized Poinsettia Bowl blank, design side facing the mold, on the center of the mold. (The center of the flower and iridized glass should be facing down).



To help center the glass blank on the mold place a kiln post (or other straight object with a 90 degree base) on the kiln shelf next to the mold such that the kiln post is just touching the edge of the glass base over hanging the mold. Observe the space between the base of the kiln post and the mold. Place the kiln post on the opposite side of the project on the mold and check to see if the space between the kiln post and the mold is the same as it was on the other side. If it is not, make a correction and retest both sides. Continue with this process on 90 degrees from the area previously tested. An approximate center on the mold will suffice as the fused glass blank and the mold are not perfect circles.



Place the three feet in the center of the glass blank on the mold with the base tip of each leaf touching the Sharpee mark designating the center of the circle. Angle the end tips of the leaves out so that each leaf end is approximately 120 degrees from the other leaf ends. A visual inspection standing at various angles to the project in the kiln will be the easiest way to determine if the leaves are angled equally from each other on the glass.

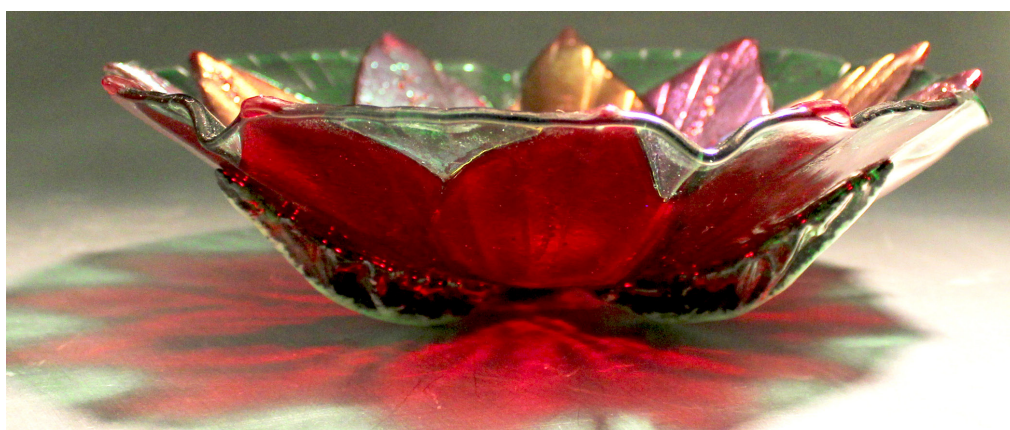


The firing schedule to use to drape this glass is crucially slow with various stops and holds within the schedule. If this project is fired too quickly, the glass will shatter. The different glass thicknesses as well as the insulating properties of the ceramic mold, make the project very susceptible to thermal shock and annealing fractures. Follow this firing schedule precisely for the best results:

(Table 2)

Segment	Rate (degrees/hr)	Temp (F)	Hold (min)
1	125	250	20
2	100	450	30
3	175	800	20
4	175	1100	20
5	175	1250	40
6	150	1280	10
7	9999	960	120
8	100	750	5

Leaf Footed Red Iridized Poinsettia Bowl Completed



Leaf Footed Flower Bowls created using other fusible glass,
Creative Paradise, Inc. LF99 Leaf Foot Mold & GM130 with the same firing methods given in this tutorial

