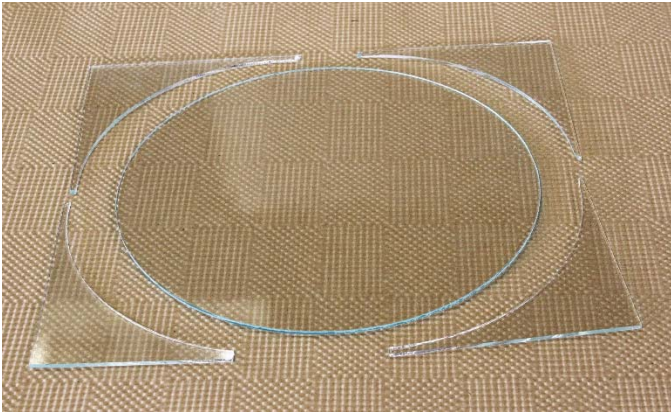




Cutting Corners

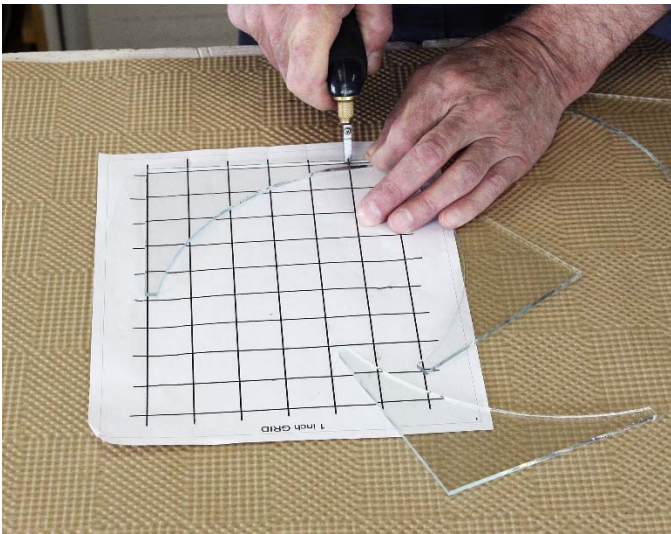
When you cut a circle out of a square of glass, you have four corner pieces left over. Here's a fun way to make bowls and vases from those pieces.

Preparation



11.5" circle cut from 12" x 12" square

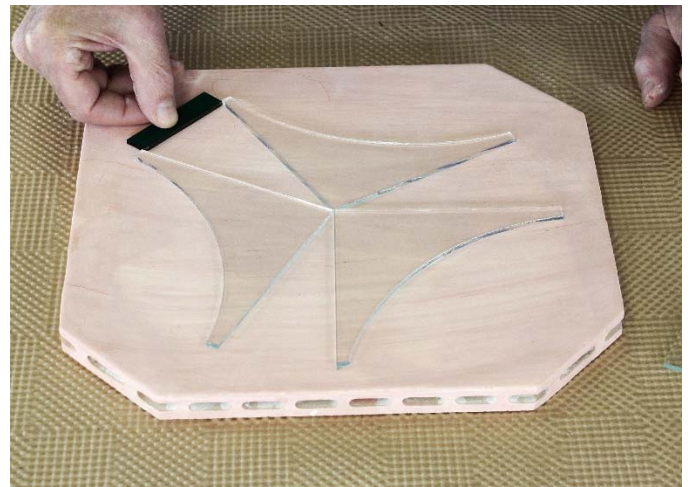
Take 6 of the corner pieces. Cut the straight edges to equal lengths. A pattern drawn in a grid of squares is a quick easy way to do this. You can cut them whatever length you like as long as they are all the same length.



Cutting edges to 5" long

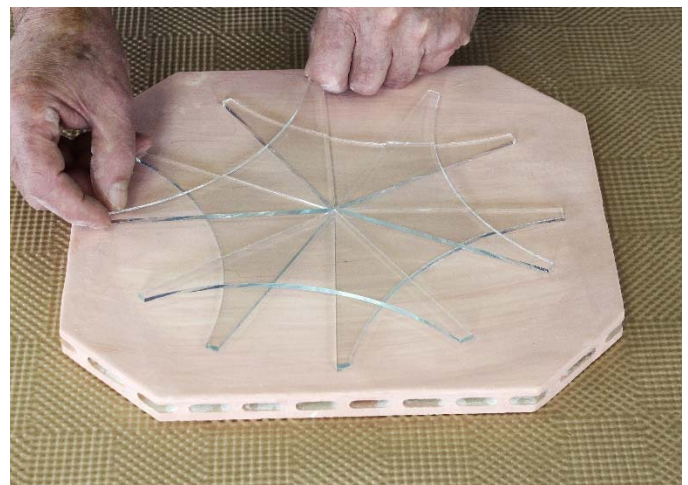
You can assemble the piece in the kiln or assemble them on a kiln shelf outside the kiln and transfer the assembly on the kiln shelf to the kiln when finished.

Set out 3 pieces in a triangle as shown in the photo below. A precut piece of glass is a handy way to measure the gaps between the pieces to ensure they are all the same space. If you cut the legs 5 inch long, the spacer should be 2.5 inch long. If you cut the legs 4 inch long, the spacer should be 2 inch long. That same ratio will apply for whatever size you cut your corner pieces.



Laying out the first 3 pieces.

Place the second set of 3 pieces on top of the first 3 as shown below.

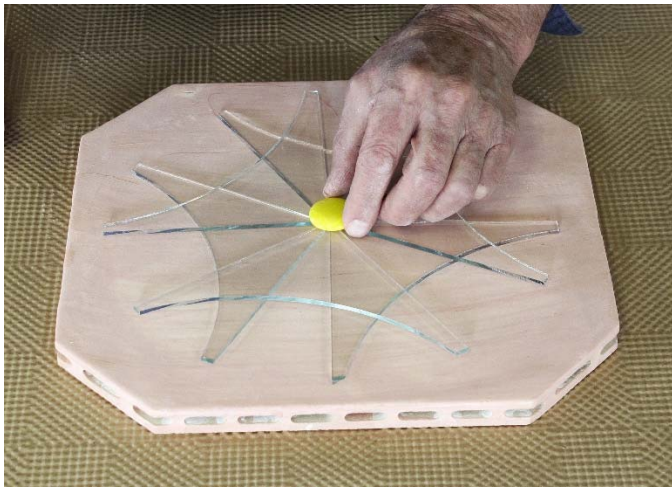


Setting the second 3 pieces on top of the first three.



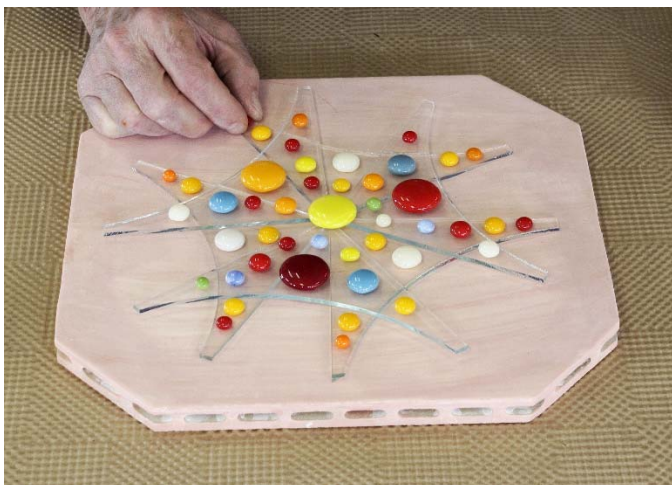
Cutting Corners

Place a piece of glass in the center of the assembly. It can be any shape you wish but here I used a premade glass pebble. When fused, this ensures there will be no hole in the middle created by the glass separating during the fuse firing.



Placing a yellow pebble on the 6 piece assembly.

Place whatever other pieces you want to create your design. This project was done using a variety of different size and different colored premade pebbles.



Assorted pebbles placed on the corner piece assembly.

Fusing

The first firing should be full fuse to fuse the 6 pieces base into a single level and draw the corner points in to thicken to 6mm.



Assembly with pebbles fired to full fuse.



Assembly after draping over a floral former.



Cutting Corners

If you want to make a project with elements tack fused on, first fire the 6 corner piece assembly to full fuse, then attach the elements to be tack fused and return it to the kiln for the tack fuse firing.

Draping/Slumping

You can drape the fused project over a mold or slump into a mold. As with all projects, the choice depends on which side you want to have the best finish.



Assembly with red frit tack fused on and draped over a small steel bowl



Assembly with orange pebbles and a mixture of marigold and black frit sifted on then slumped into a shallow ceramic mold.



A 4 inch leg assembly with dichroic triangles tack fused on and slumped into a shallow ceramic mold.



Assembly with mica design stamped on and draped over a small steel bowl.



Cutting Corners



4 inch leg assembly with blue, gold, and silver mica sifted on then slumped into a shallow ceramic mold.



Black and blue pebbles full fused then draped over a steel bowl mold.

Firing Schedules

Seg	Ramp	Temp	Hold
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Full Fuse

1.	400F (200C)	1000F (515C)	20
2.	800F (425C)	1460F (795C)	20
3.	FULL	960F (510C)	60
4.	400F (200C)	300F (150C)	0

Tack Fuse

1.	400F (200C)	1000F (515C)	20
2.	800F (425C)	1350F (730C)	20
3.	FULL	960F (510C)	60
4.	400F (200C)	300F (150C)	0

Drape

1.	400F (200C)	1000F (515C)	20
2.	800F (425C)	1200F (650C)	20
3.	FULL	960F (510C)	60
4.	400F (200C)	300F (150C)	0

Slump

1.	400F (200C)	1000F (515C)	20
2.	800F (425C)	1250F (675C)	20
3.	FULL	960F (510C)	60
4.	400F (200C)	300F (150C)	0

These schedules apply for COE 96 glass. For COE 90 glass, use the same schedules but increase the top temperature in segment 2 by 20F