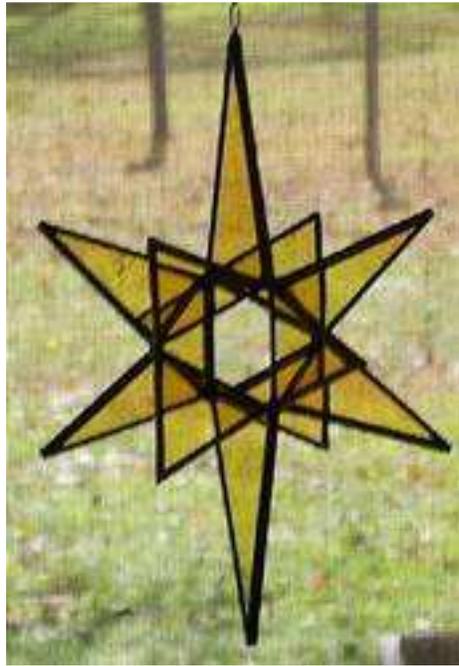


Make a Twelve Point Moravian Star

By Sue Spire



Materials List:

Any color cathedral glass you want

7/32" Copper foil. Use silver back if you don't want to patina, otherwise use the backing that matches your patina.

Flux

Solder

Patina (optional)

Wax (like Kem-O-Pro, Mothers Carnauba, etc)

18 or 20 gauge copper wire

Fishing line or Tiger Tail

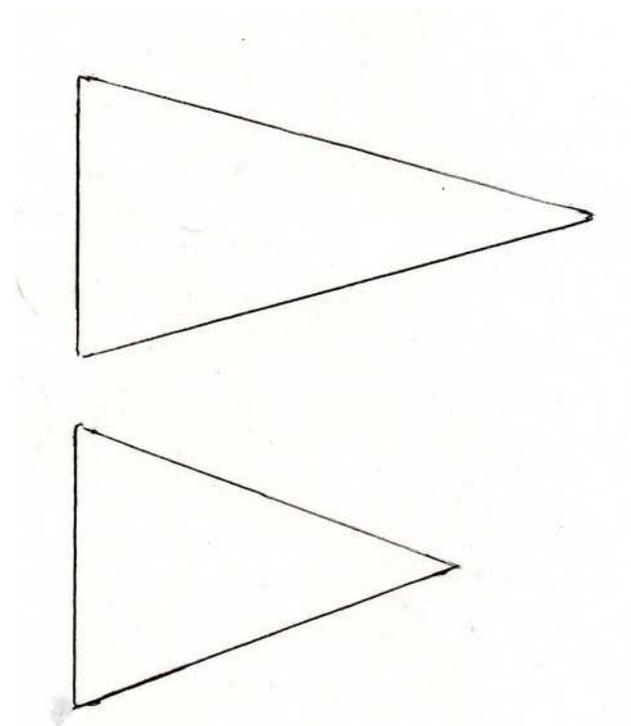
Step 1.

Cut 2 triangles 1 1/2" wide by 2 3/4" high (from center of base to point)

Cut 10 triangles 1 1/2" wide by 2" high (from center of base to point)

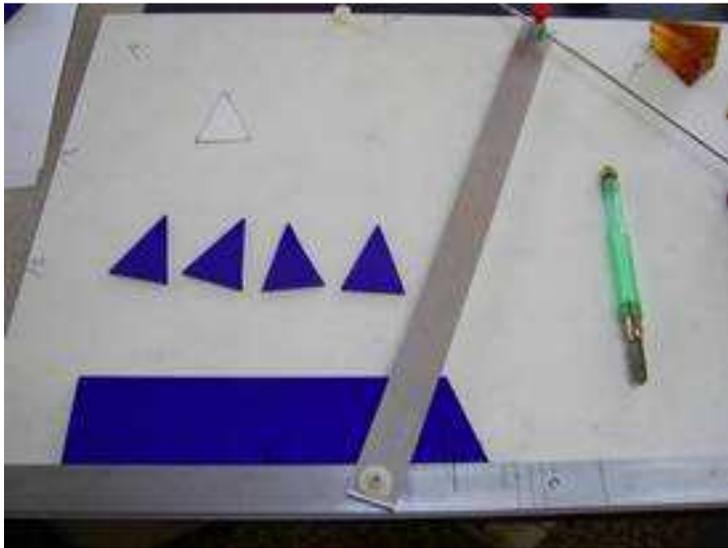
You can use the pattern pieces below, but make sure the bases are the same width and the center points are exactly centered. I'm saying this because photocopying a pattern sometimes distorts it (these were photocopied), then printing them out can further distort.

You can vary the size of the triangles to make larger or smaller stars, but be sure to always make the base the same width on all 12 pieces. By same width, I don't mean they need to be 1 1/2" wide, they can be any width you want, just make them all the same width.



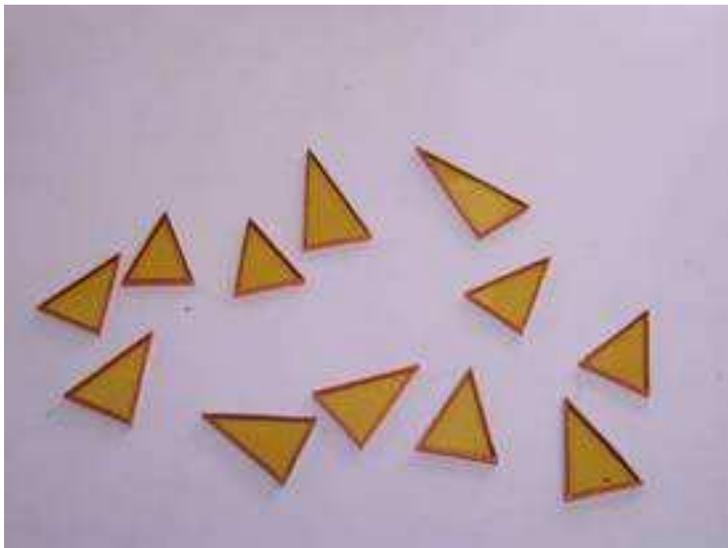
To accurately cut triangles, a strip cutter is the easiest and most precise tool to use. I'm using the scoreboard in the picture below.

Cut a strip 12 inches long and however high you want your triangle to be (in this case either 2 inches or 2 3/4 inches). Cut the triangles according to your strip cutter's directions. Make sure each triangle is exact in dimensions or you'll have trouble assembling the star.



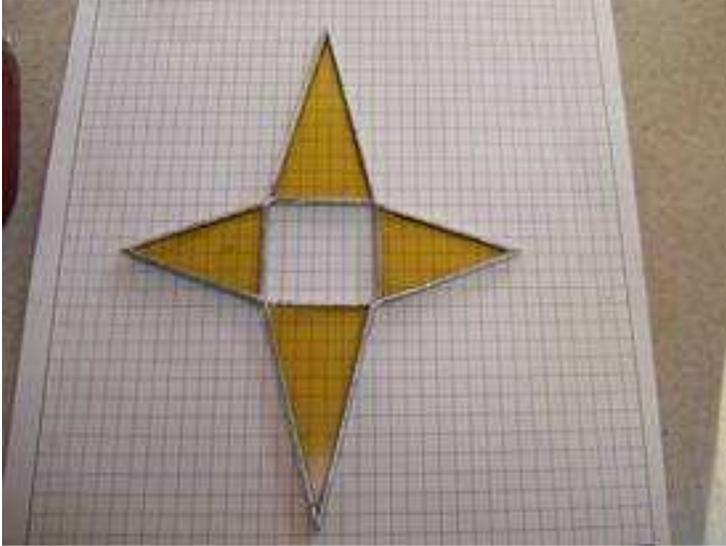
Step 2.

Foil all of the triangles, then bead solder each one on all three surfaces...front, back and edge.



Step 3.

Lay out the 2 large triangles and 2 small triangles as seen in the next picture.

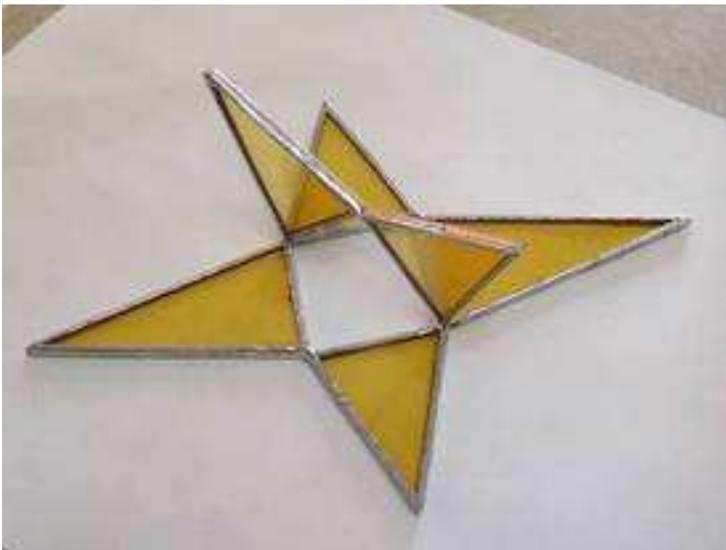


I used graft paper to lay them out on so I could get the center absolutely square. You don't need graft paper. I just found it easier.

Once they are squared up, solder them at each junction.

Step 4.

Place 2 triangles as seen below and tack solder them where they touch the bottom triangles.



Then place two more triangles like this



Tack solder them to the bottom triangles, then gently squeeze the the 4 points together where they meet and solder them together.

Step 5.

Turn the piece over and repeat step 4 on the other side, using the 4 remaining bevels.



Step 6.

Go over the star and fix up the solder joints so they are smooth and blend in with the edges of the triangles.

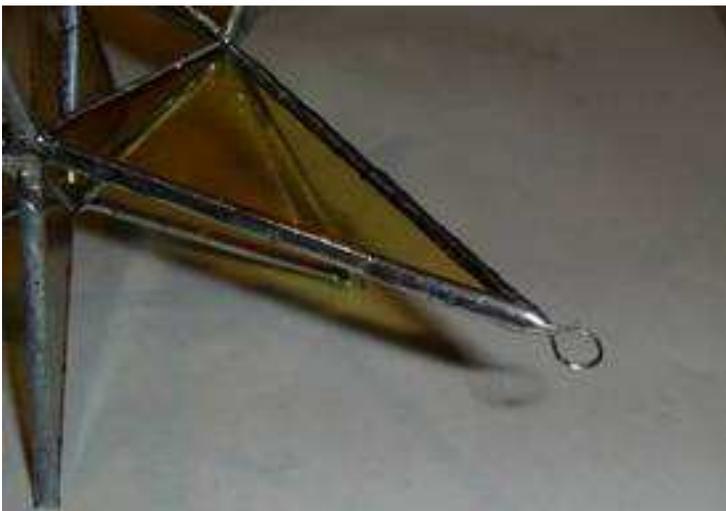
Step 7.

Cut a length of wire that is equal to the length of both sides of a large triangle plus enough to form a loop. Tin the wire if it isn't pre-tinned. Form a loop in the middle.



Step 8.

Solder the wire to both sides of a long triangle, burying the wire into the solder bead.



Step 9.

Wash, patina (optional), wax and polish. Attach a hanging cord. I used tiger tail and crimp beads.

