

Menorah or Hanukiah



PROJECT TITLE:  
Menorah or Hanukiah

DESIGNED BY:  
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SKILL LEVEL: *(Adult 1-5: 1 being the easiest, 5 being most difficult)*  
4

TIME TO COMPLETE:  
3 hours

ROMANCE COPY:  
Hanukkah

The festival is observed by the kindling of the lights of a special candelabrum, the nine-branched Menorah or Hanukiah, one light on each night of the holiday, progressing to eight on the final night. An extra light called a Shamash (Hebrew: "guard" or "servant") is also lit each night for the purpose of lighting the others, and is given a distinct location, usually above or below the rest.

PROJECT TIP:

If you have a difficult time keeping the blue stringers in place, use a small bit of fusing glue to hold it in place.

Fusing Glue Recipe: 1 drop of white school glue to 3 drops of water.

Use a paint brush to lightly apply to the back of the blue stringers. The fusing glue must be dry before you begin fusing.

INSTRUCTIONS:

1. Measure and mark pattern pieces on the following glass sheets:  
White Opalescent Glass – Base  
Red Dichroic – Flames  
Blue Stringers – Menorah and candles
2. Using a glass cutter, cut glass following pattern. For glass cutting instructions, watch a free video at <http://www.diamondtechcrafts.com/default.aspx?page=itemView&itemsysid=186709>.
3. Use wheeled nippers to nip the stringers and red dichroic glass for menorah candles and flames. Clean glass using paper towel moistened with water. Completely dry the surface of the glass with a lint free cloth.
4. Next, cut a 2" X 2" piece of kiln paper. Remove the lid from the Fuseworks™ Kiln. Place the kiln paper on the kiln base.

5. Position the white base glass in the center of the kiln paper. Place the stringers and flame on top of the white glass to form the menorah, use image for positioning. To hold the stringers in place, use a tiny bit of fuser's glue (recipe above) on the back of each and place into position. Let glue dry completely before fusing.
6. Carefully set the base with glass inside the microwave and cover with kiln lid. Fuse in a 1200-watt microwave at 50% for 2 minutes; 80% at 1 minute and 30 seconds. If using a microwave with a lower wattage increase the power percentage but, keep the time consistent. PLEASE NOTE: All microwave and kiln combinations will have different firing patterns. Be sure to take careful notes and log all fusing times for future use.
7. After time is up, open microwave and, using Hot Mitts, carefully lift the lid enough to inspect the fusing process. Glass is fused with the edges of the glass are nicely round. Add additional 30 second until the desired results are achieved.
8. Remove kiln from microwave using the Hot Mitts and place on a heat resistant surface. Cool the kiln for at least 30 minutes with the lid on. CAUTION: Removing the lid or peeking under the lid during the cooling stage will result in your piece cracking. Glass remains hot for a long time and is to be handled with great caution.
9. Cool you glass completely. There are many uses for your glass menorah project: hang it as an ornament, glue it to a holiday card or use it on a gift tag (as show in the photo). The possibilities are endless.

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MATERIALS CHECKLIST:

Fuseworks™ Microwave Kiln

Fuseworks™ Kiln Paper

Fuseworks™ White Sheet Glass

Fuseworks™ Red Dichroic

Fuseworks™ Blue Stringers

Studio Pro™ Glass Cutter

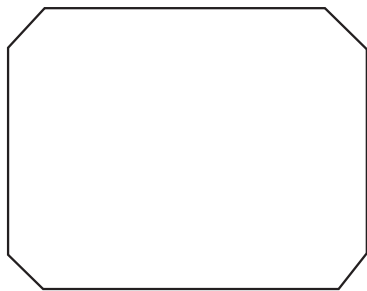
Studio Pro™ Running Pliers

Pattern & Scissors

Marker

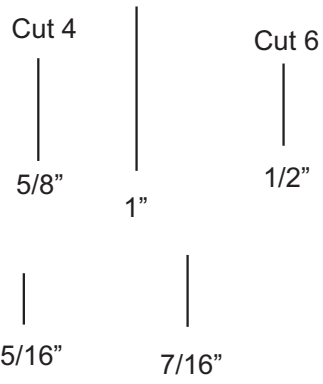
OPTIONAL: White School Glue and small paint brush

Menorah Gift Tag



White

Blue Stringers



Copper Dichroic

