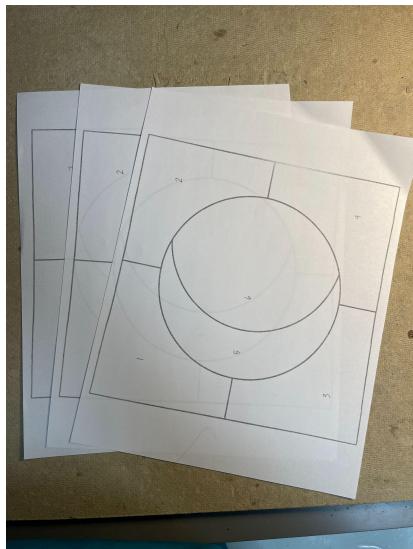


# Cresent Moon Tutorial

I suggest you read the tutorial about safety, Tools, and Techniques before trying this tutorial.

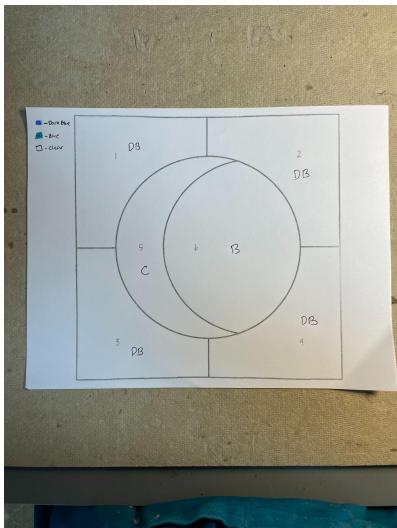
You will need the following:

- Pen
- Black sharpy
- Scissors
- Craft knife
- Glass cleaner
- Paper towels
- Glass cuter\*
- Glue stick
- Homasote Board\*
- Thumb tacks
- Gloves
- Breaking pliers\*
- Water
- Glass Grinder\*
- Copper foil\*
- Fid or Lathekin\*
- 



## Step 1: Setup

- Pick a Pattern
- Number pattern
- Make three copies of the pattern
  - A base copy
  - A cutout copy
  - And extra copy.



## Step 2: Labeling Pattern

- Pick glass.
- Take into consideration texture and color plate.
- Some glasses look different in the light.
- Label the colors on the pattern.
- If the glass has lined details, mark which way the glass should be directed.
  - Numbering and labeling colors might seem trivial for a small pattern, but if you have a pattern with 200 pieces and 20 colors, you will want them marked.



## Step 3: Using Pattern

- Take one of the patterns and cut it out.
- Separate pieces by color.
- Take the second pattern and pin it to the homasote board.



## Step 4: Glue

- Pick glass and clean both sides.
- Take cut out piece corresponding to the color and glue it to the smoothest side of the glass.

- If glass is textured, glue the cutout upside down so that the textures side is on top.



### Tip:

Break glass over waffle board or a towel to catch small glass when you break it.

Also, have a tray to dispose of spare glass.

## Step 5: Cutting Glass

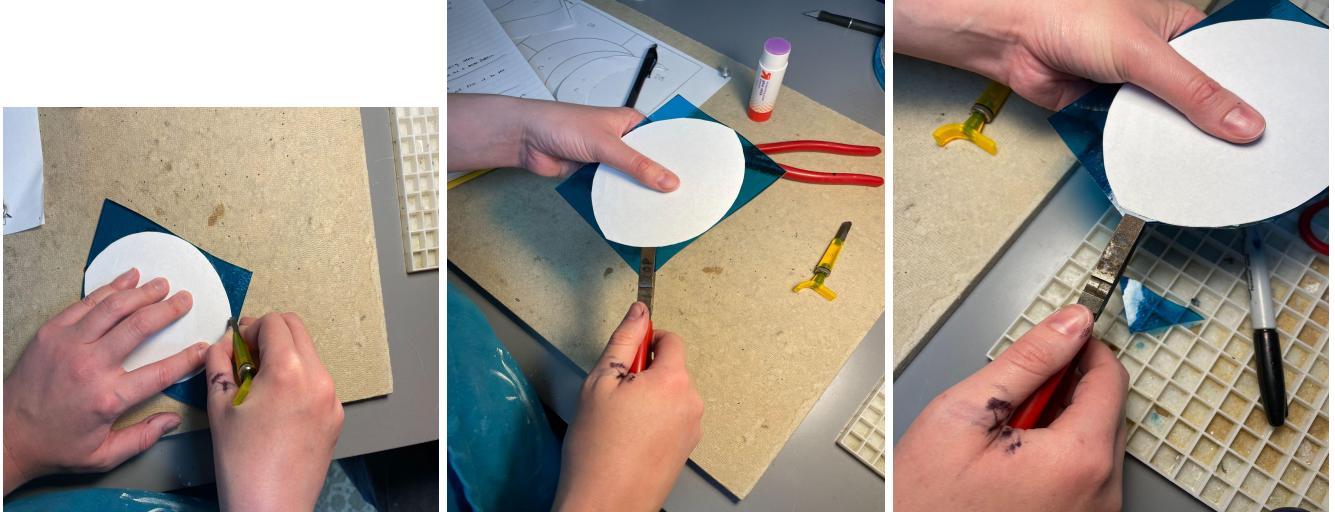
- Cutting is not really the right word, it is more of scoring and breaking.
- When cutting, it is important to conserve as much glass as possible.
- First make some straight cuts down middle of glass.
- Break glass with hands or breaking pliers.



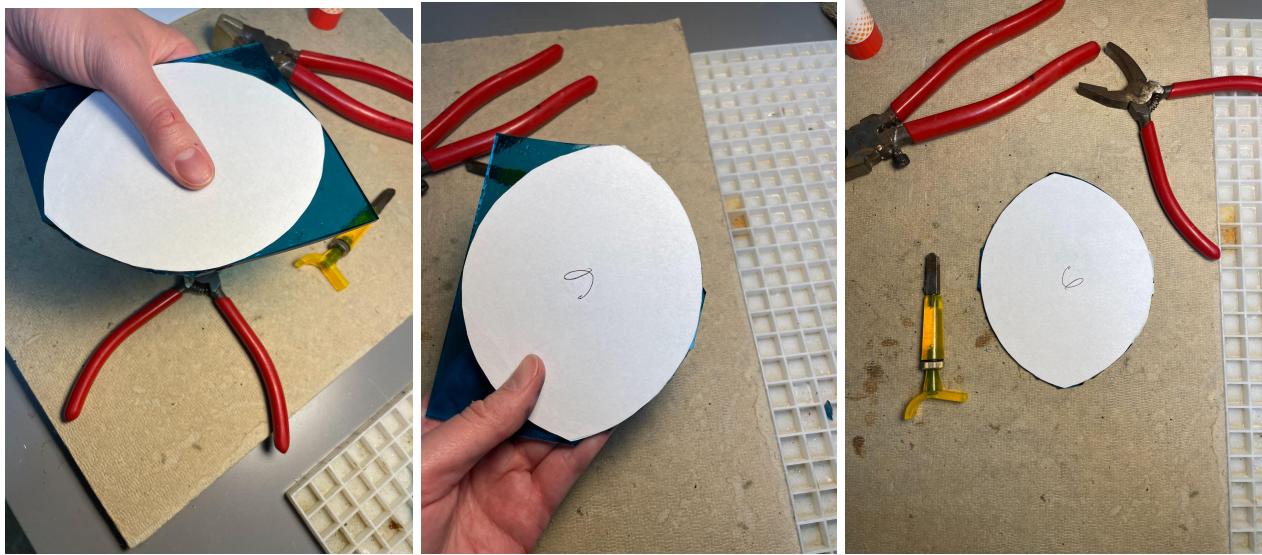
- Cut a straight line again to save as much glass as possible.
- Break glass again.



- Now score along the pattern line.
- Break glass with glass pliers.
- Make sure to get all the pieces.



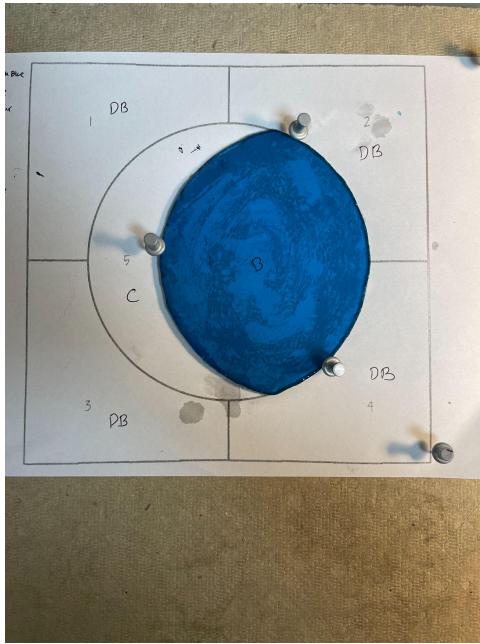
- Repeat until it is just the outline.



## Step 6: Grinding

- Make sure grinder has enough water in it.
- Use safety measures.
- Make sure sponge is wet and grind glass until edge is smooth.



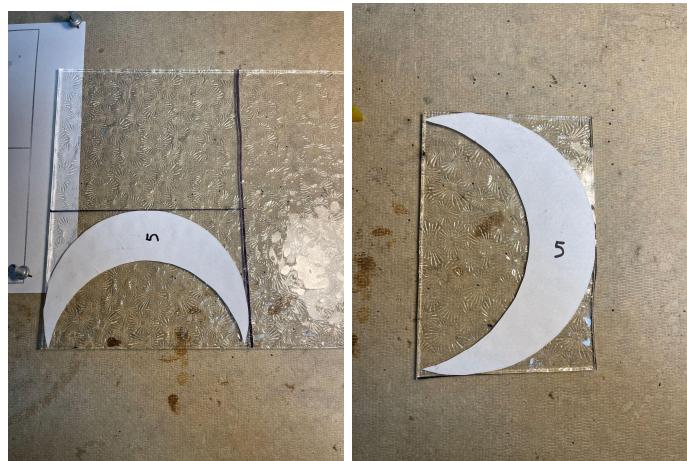


## Step 7: Place Glass

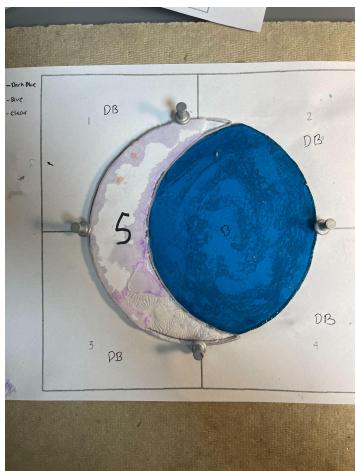
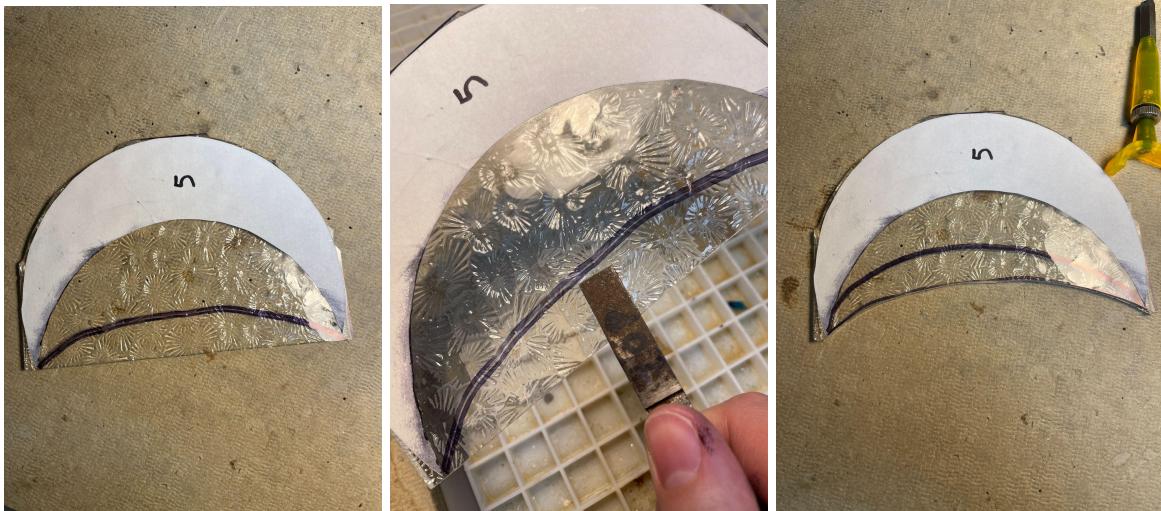
- Place glass on pattern and pin it down.

## Step 8: Cutting Arches

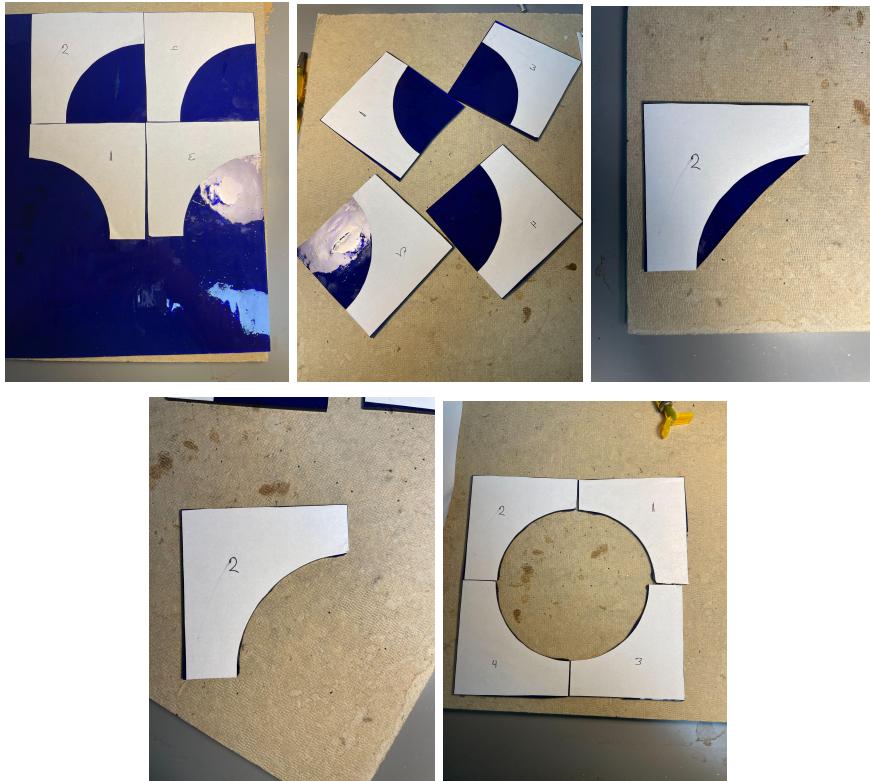
- Clean glass
- Take crescent moon cutout and glue it to smooth side of glass.
- Cut straight lines to conserve glass.
- Cut outer crescents the same way as step 6.



- The arch need to be cut carefully or the glass will break in the wrong spot.
- Score and break tiny cuts over and over until you get to the pattern.



- Grind crescent the same way as in step 7.
- Repeat steps 5-7 for the rest of the pattern.



## Step 9: Foiling

- Clean glass thoroughly. The foil adhered better to clean glass.
- Choose the right size foil. You want one that is just thick enough to fit the edge of the glass, pulse a little extra on the sides.
- Choose a starting point on the glass. You don't want to start in an area that will be on the outside edge of the finished project.
- Center the edge of glass on the adhesive side of the foil. Look at both sides to make sure your overhang is even.
- Then press tape down firmly and pinch the overhang so it sticks to the sides.



- Continue along the piece of glass, adjusting the foil carefully. If the foil is going off center, go back and recenter it. – it is not something that can be fixed later.
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