



Kaleidoscope Collections

Founded in 2004 by Jeanie Sumrall-Ajero and her sister Nancy Kurokawa, Kaleidoscope Collections, LLC develops and markets innovative products for the crafts industry. Their flagship product is the popular Kaleidoscope Kreator software.

MATERIALS:

ScanNCut with Cutting Blade; Pen Holder; Drawing Pen; 4 Sheets of 12" x 12" Card Stock (or 6 Sheets of 8.5" x 11" Card Stock); Bone Folder (optional); 1/4" Red Liner Tape; Battery-Operated LED Candle or Puck Light*

On the ScanNCut

step 1. Download the cut file for this project from www.KalCollections.com/brother.

step 2. Copy the cut file (i.e., the FCM file) to a USB stick and insert in the ScanNCut machine.

step 3. Load the cut file on the ScanNCut:

- Tap the "Pattern" button on the LCD touch display screen.
- Tap "Saved Data."
- Tap the "USB" icon.
- Locate the cut file for this project on your USB stick and tap on the design.
- Tap "OK."

step 4. If desired, resize the design. The default size is 5.5" wide and it will create a lantern that is about 7.25" high and 8.5" wide. You can resize the design down to a minimum of 3.75" wide, which creates a lantern that is about 5" high and 6" wide.

step 5. Scan the card stock on the cutting mat.

**If you use a bright "flood" puck light inside the lantern, it will throw a fascinating pattern against the wall and ceiling.*

Opinion expressed by paid consultant.

step 6. Resize your cutting. Then, duplicate the design to cut multiple copies and arrange them on the card stock so that they do not overlap. Size the image to fit onto a playing card. (My dimensions are 2.25" x 3.5".)

step 7. Tap "OK" to move to the "Drawing/Cutting" screen.

step 8. Put a pen in the pen holder and put the pen holder in the machine.

step 9. Tap "Draw" and then press the "Start/Stop" button to draw the design.

step 10. Replace the pen holder with the cutting blade.

step 11. Tap "Cut" and then press the "Start/Stop" button to cut the design.

step 12. Repeat Steps 7-11 until you have cut out eleven pieces.

Assemble the Lantern

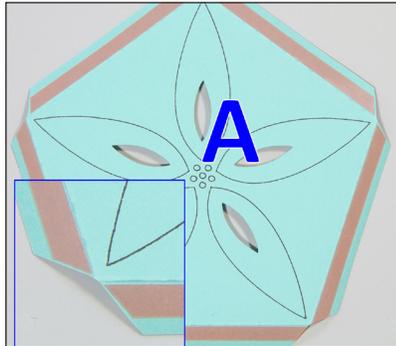
Note: Although the diagrams for this section use a simpler design than the cut file for this project, the construction is exactly the same.

step 1. For each pentagon, fold all of the tabs towards the back. Fold along the dashed cut lines. Using a bone folder (optional) will help to make the fold sharper and more accurate.



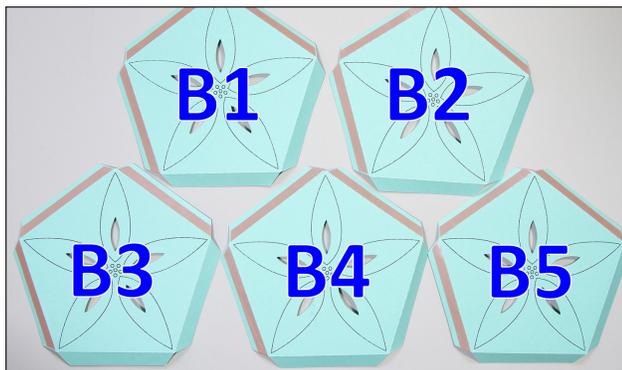
Assemble the Lantern

step 2. On one pentagon, put red liner tape on the front side of all five tabs. Place the pentagon on your work surface with the drawn lines facing up. Position the edge of the tape as close to the fold line as possible.



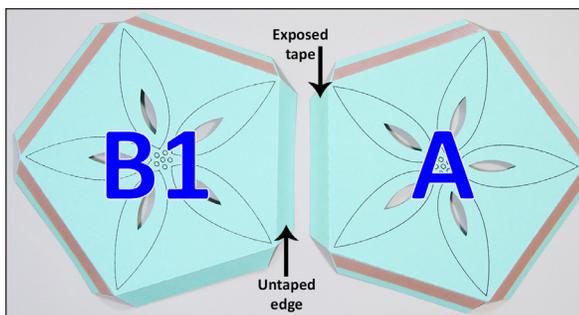
This is Pentagon A.

step 3. On five pentagons, put red liner tape on the front side of three consecutive edges. (It doesn't matter which three edges since the design is symmetrical. Just make sure that the three edges are consecutive.) Again, position the edge of the tape as close to the fold line as possible.



See how the tape should look on three consecutive edges. These are Pentagons B1-B5.

step 4. Secure Pentagon B1 to the center Pentagon A. Remove the tape backing from just one tab of the center Pentagon A. Position Pentagon B1 in a way so that one of the untaped tabs matches up with the exposed tape of Pentagon A.

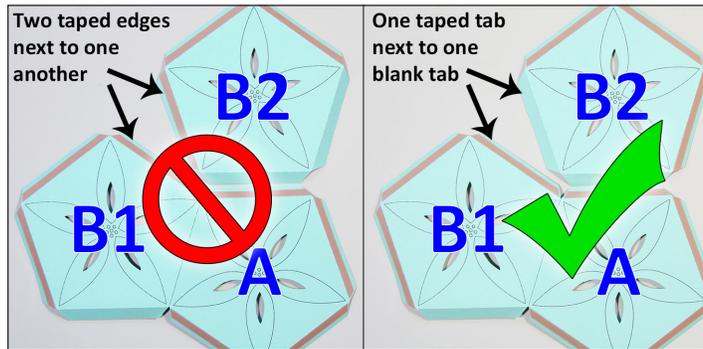


This shows the positioning of the two pentagons relative to one another, but it will be easier to attach them if you flip the pieces face down on your work surface.

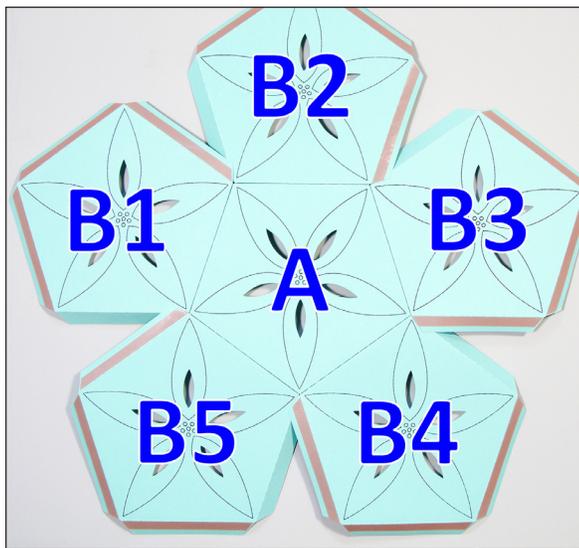


Assemble the Lantern

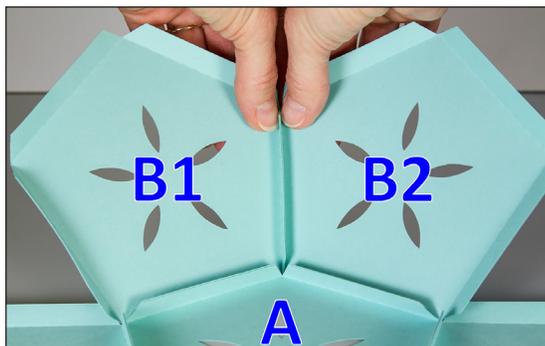
step 5. Attach the remaining pentagons (B2-B5) to the center Pentagon A. You'll want to make sure that the rest of these pentagons are oriented the same way as Pentagon B1 as you secure them around the center Pentagon A (i.e., you should not have two taped tabs next to one another).



Again, you will find it easiest to work with all of the pentagons placed face down on your work surface. When you are done attaching the rest of the pentagons (B2-B5), the result should look like this.

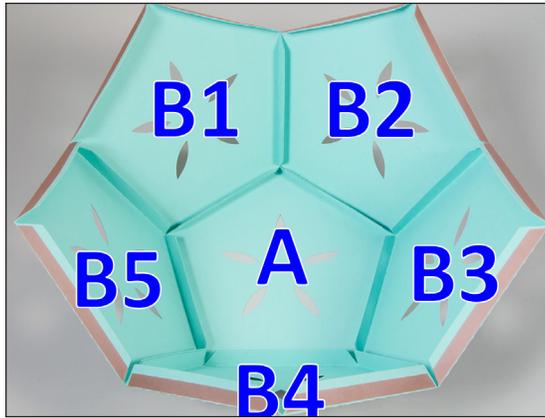


step 6. Now, secure the side tabs of Pentagons B1-B5 to each other. With the right side facing down on your work surface, remove the tape backing from one tab at a time, and then secure the side tabs of each pentagon together.



Assemble the Lantern

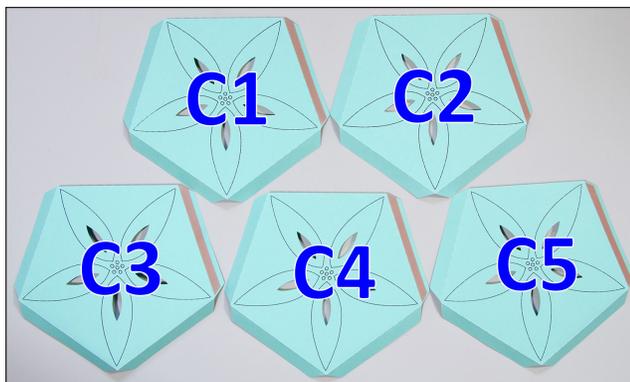
When you have finished securing the sides of Pentagons B1-B5 together, the result should look like you have a bowl (with the center Pentagon A placed face down on your work surface).



- step 7.** Finish one edge of the remaining five pentagons (C1-C5). Place the five remaining pentagons face down on your work surface. For each pentagon, put red liner tape on the back of one tab. (This is different than all of the other tabs!) Remove the tape backing and secure the tab to the back of the pentagon.

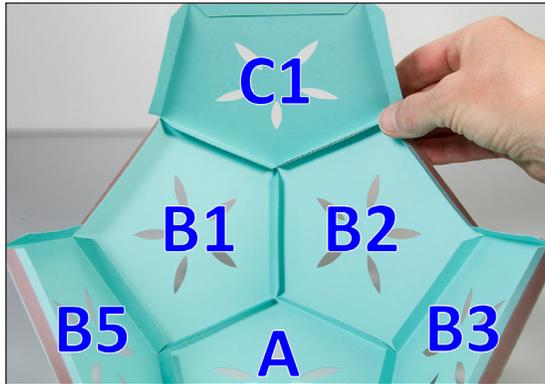


- step 8.** Turn each of the pentagons (C1-C5) face up. Then, place red liner tape on the tab (just to the right of the folded edge).



Assemble the Lantern

step 9. Attach Pentagons C1-C5 to the lantern. As in the previous steps, remove the tape backing from just one tab at a time to make the construction easier. Pentagons C1-C5 should be positioned in such a way so that the two tabs opposite the folded edge are attached to the “valleys” on the edge of the lantern.



(In other words, the folded edges should all be at the top when Pentagons C1-C5 are positioned correctly.)



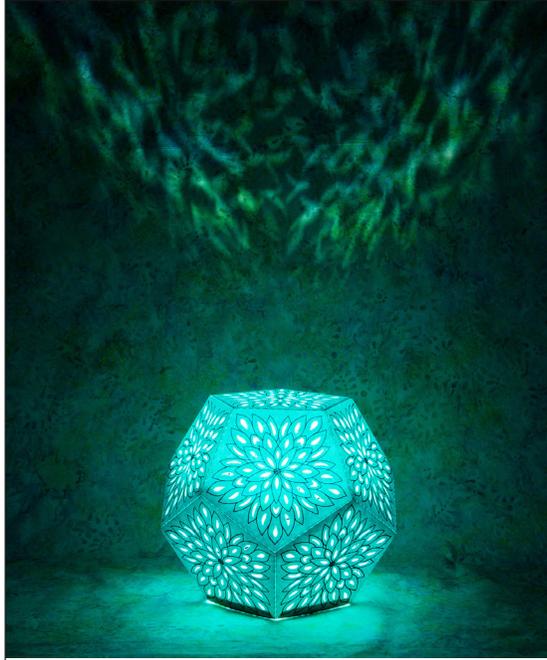
step 10. Attach the side tabs of pentagons C1-C5. Remove the tape backing from the side tab of one of the Pentagons and attach it to the pentagon next to it.

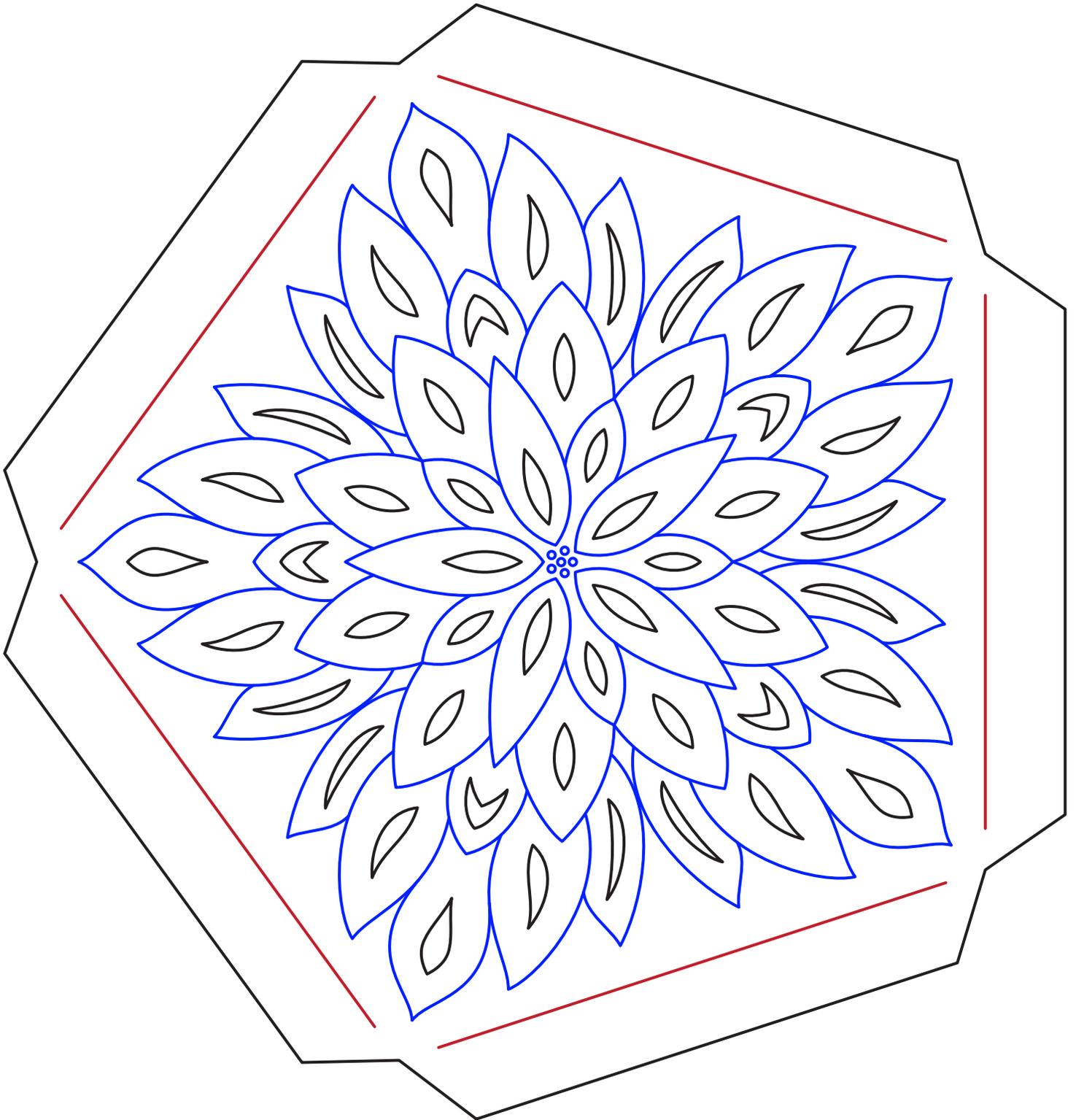


Repeat for the remaining four tabs.

Assemble the Lantern

- step 11.** Turn the lantern so that the opening is face down on the table. Place it over a LED candle or puck light and enjoy!





Please note:

A downloadable cut file is available for this project at www.KalCollections.com/brother. Using the provided cut file will give you a more precise cutting result than printing and scanning the design above.