

# MAKERY PROJECT: Embroidered Towel

Using the embroidery machine

**TIME:** 2 hours

**SKILL:** Beginner

Use the Makery's embroidery machine to add a personalized touch to your home or give a custom gift.

**Note:** Children younger than middle school must be directly supervised by an adult.



## Materials You Need to Bring



**TERRY-CLOTH  
TOWEL**



**MEDIUM-WEIGHT  
CUT-AWAY STABILIZER**



**WASH-AWAY  
STABILIZER**



**6 GUTERMANN  
EMBROIDERY  
THREAD**

## TIPS:

- Bringing extra materials is always a good idea.
- You can use any colors. Threads used in the image above are:
  - Yellow
  - Pink
  - Purple
  - Lavender
  - Green
  - Periwinkle
- For more info, visit [elmlib.org/embroidery](http://elmlib.org/embroidery)

## Equipment Provided in the Makery



**BROTHER NQ1600E  
EMBROIDERY MACHINE**



**EMBROIDERY  
HOOPS**



**SCISSORS**



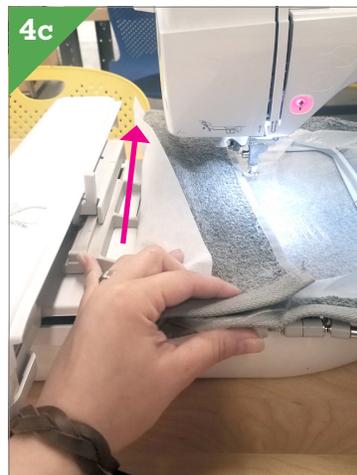
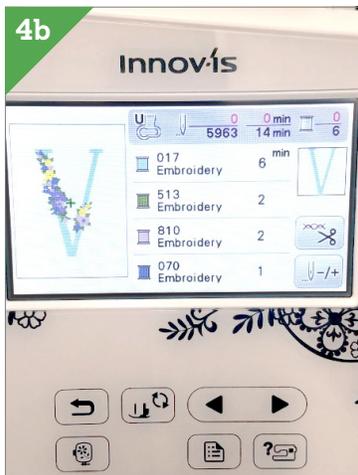
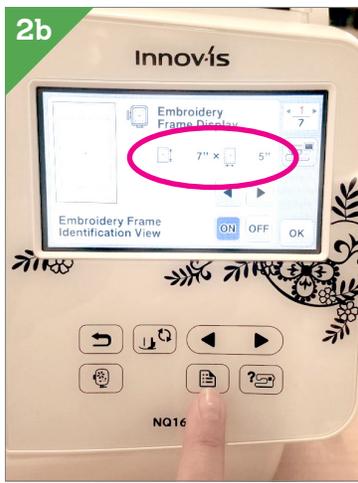
**PRE-WOUND  
BOBBINS**



**SEAM  
RIPPER**



**FLATHEAD  
SCREWDRIVER**



## 1 RESERVE:

Reserve the Embroidery Machine for 2 hours at [elmlib.org/reserve](http://elmlib.org/reserve).

## 2 PREPARE DESIGN:

- Power on the machine.
- NOTE:** Always keep the sewing area free of hoop, fabric, and other materials until you are ready to sew.
- Tap the [Settings] button. Use the arrows on the screen to select the 7" x 5" hoop. Tap [OK].
  - Tap the Monogram thumbnail on the home screen.
  - Use the arrows to browse the alphabet. Tap the desired letter, then tap [Set].
  - Use the editing tools (move, size, etc.) to modify the design as needed. Tap [Edit End].
  - Move the design to the desired location on the hoop. Tap [Embroidery].

## 3 PREPARE YOUR HOOP:

- Cut a piece of cut-away stabilizer and wash-away stabilizer. Both pieces of stabilizer should be bigger than your hoop. At least a 1" margin is recommended.
- Remove the top piece of the hoop.
- Lay the cut-away stabilizer on top of the hoop base. Lay the towel (right-side up) on top of the cut-away stabilizer. Lay the wash-away stabilizer on top of the towel.
- Secure the towels and stabilizers by pushing the hoop top into the hoop base. While pressing the hoop top diagonally with one arm, begin tightening the hoop base with the other. Pull the towel and stabilizer taut.
- Tighten the hoop using a flathead screwdriver.

## 4 EMBROIDER:

- Thread the bobbin. Use the [Help] button for step-by-step instructions.
  - Thread the machine using the color order displayed. Use the [Help] button for step-by-step instructions.
  - Raise the presser foot and insert the hoop into the carriage. Lock the hoop in place.
  - Lower the presser foot.
  - Press the green button to start.
- NOTE:** Monitor the machine at all times while it is sewing. If you need to walk away or if an issue occurs, press the Green button to stop/pause.
- Change out thread as needed to complete the project.

- Once the design is fully embroidered, remove the hoop from the carriage. Loosen the hoop and remove the towel and stabilizer. Cut the excess cut-away stabilizer on the backside. The wash-away stabilizer dissolves in water. Use a seam ripper or scissors to trim any loose ends.