MATERIALS

Provided at Make & Take Class:

- 7/8" x 9" dowel
- 1/2" x 36" dowel
- 1" x 6" x 6" Maple
- 1/2"-dia. drill bit
- Crosscut Saw
- Wood glue
- Various Wood Finishes
- Paints
- Stains
- Topcoats
1. MARK THE VERTICAL POST POSITIONS

You can design your jewelry tree to have one to four posts. The posts line up on a diagonal centerline across the base. Mark the center line, using a straightedge to position the line between two corners of the base. Then mark the positions of each vertical post along the line.

2. DRILL THE POST HOLES

Install a 1/2”-dia. drill bit in a drill press. A brad point bit or Forstner bit will cut the cleanest hole. Set the depth of the bit to bore a 1/2”-deep hole in the base. Bore a 1/2”-deep hole at each post mark.
3. DRILL THE POST HOLES IN THE HORIZONTAL BARS

Determine how tall you would like each vertical post to be. Use a crosscut saw to cut each post from the 1/2"-dia. dowel stock. In this case, we held the dowel stock secure in the same backerboard with V-groove that we used to drill the holes in the bars. You could also use a miter box to hold the dowel while cutting. Or, make these cuts using a miter saw.

4. CUT THE VERTICAL POST STOCK TO LENGTH

Each post will also be glued into a hole that is drilled in the underside of each horizontal bar. Use a backer board with a V-groove to keep the bar from moving when drilling the hole. Place the bar in the V-groove and clamp the bar down to the backerboard. Set up the drill press to bore a 3/8"-deep hole in the bar. Bore a hole in the center of each bar. You can also choose to modify the design and bore the hole in a position that is slightly off-center to create an asymmetrical design.
4. SAND THE PARTS

Sand the dowels and base smooth. The stock for these parts should already be relatively smooth, so you should only need to use 150- and 220-grit sandpaper.

5. APPLY FINISH TO THE PARTS

You can apply finish to your jewelry tree before or after assembling it. If your class time permits, then we recommend applying stain before assembling the jewelry tree. The advantage to applying the stain first is that you won't have to worry about excess glue getting on the parts and causing uneven staining. Cover 3/8" of the ends of the posts with painters tape to mask them from the stain. The unfinished ends will provide a stronger glue bond when the project is assembled. Apply stain to all of the parts, being careful to not stain inside the holes you drilled in the base and bars.
7. GLUE THE POSTS TO THE BARS

Remove the masking tape from the post ends after the tape has dried. Apply a few drops of glue to the inside of the hole in each bar. Then insert one end of the post in the hole. Place the post on the workbench to let the glue set up for 5–10 minutes.

8. GLUE THE POSTS TO THE BASE

Finally, apply a few drops of glue into each hole in the base. Place the other end of each post in a hole. Be careful not to rotate the bar and break the glue joint at the top of the post. Allow the glue to cure overnight before using the jewelry tree.
### MATERIAL LIST

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<thead>
<tr>
<th>Material</th>
<th>T x W x L</th>
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<tbody>
<tr>
<td>1 Base (1)</td>
<td>1” x 6” x 6”</td>
</tr>
<tr>
<td>2 Bar (1-4)</td>
<td>7/8” x 9” dowel</td>
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<tr>
<td>3 Post (1-4)</td>
<td>1/2” x 36” dowel</td>
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