



# EASY COLLECTIBLES SHELF

### Miller Dowels Required

- 20 – 1X Miller Dowels
- 1 – 1X Miller TruFit Drill bit
- 3 – Mini-X Miller Dowels
- 1 – Mini-X TruFit Drill Bit

### Material List

QTY	NAME	MATERIAL	DIMENSIONS
2	Sides	Beech	3/4" x 2 1/2" x 20"
4	Shelves	Beech	3/4" x 2 1/2" x 10"
1	Apron	Beech	3/4" x 2 1/2" x 10"
1	Top	Beech	3/4" x 2 1/2" x 13"

Project: "Project design by Michel Theriault"  
 Illustration: "Illustration by Len Churchill"  
 Rights: All Rights (to Miller Dowel version)

This collectables shelf lets you showcase your small collectables, and you can build it with a minimum of equipment. With just a jigsaw, drill, miter box and backsaw, you can create a great place to display your favorite collectibles, and fill a bare spot on your walls at the same time.

## DIRECTIONS

### Preparing the parts

1. Cut all pieces to length using the Material list as a guide.
2. Sand all pieces with progressively fine sandpaper, finishing with #220

### Making the Sides

3. Make the decorative bottom ends on the side pieces by first tracing the design onto the pieces. Use the design provided and scale it up to the same width as your side pieces onto a piece of paper to use as a template.
4. Draw the decorative bottom ends on the side pieces using the template.
5. Cut the waste off using your jigsaw or a bandsaw.
6. Sand the cut edges with a drum sander or by hand to smoothen out the curves and eliminate the marks left behind by the blade.

### Making the Apron

7. Make the decorative design on the apron by making a template like you did for the sides.
8. Trace the design onto the apron using the template.
9. Cut off the waste with your jigsaw or a bandsaw.
10. Sand the cut edges with a drum sander or by hand to smoothen out the curves and eliminate the marks left behind by the blade.

### Assembling the Shelf

1. Apply glue to the ends of each shelf and the ends of the apron.
2. Position the shelf pieces and apron between the sides and clamp together until dry, making sure they are flush and that the assembly is square.
3. Apply glue to the top edge of the apron and sides.
4. Position the top in place and clamp together until dry.

### Doweling the Assembly together

5. When dry, remove the clamps and locate the centers of the holes for the Miller Dowels.
6. Drill pilot holes using the 1X Miller TruFit Drill bit where indicated in the illustration.
7. Apply glue and install the dowels.
8. Drill pilot holes using the Mini-X TruFit Drill bit where indicated in the illustration.
9. Apply glue and install the dowels.
10. When dry, cut the protruding dowels flush with a trim saw.

### Finishing

11. Sand all dowels flush
12. Sand off any glue that has squeezed out of the joints.
13. Lightly round all corners and edges with a piece of folded #180 sandpaper.
14. Apply your favorite finish, following the instructions provided with the finish.



