

WOODWORKER'S WJOURNAL

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Classic Project

In this plan you'll find:

- Step-by-step construction instruction.
- A complete bill of materials.
- Construction drawings and related photos.
- Tips to help you complete the project and become a better woodworker.

Country Curio Clock

Country Curio Clock



can be purchased at most any lumberyard. The hand screened enameled metal dial and battery operated quartz movement are likely to be harder to find, so we've listed a source that will provide both parts as a kit (see Bill of Materials).

Cut Stock to Size
As shown in the cutting diagram, you can get most of the stock for this project from a 52 in. length of 1 by 8 lumberyard pine (keep in mind that 1 by 8 stock will actually measure 7/8 in. thick by 7 1/2 in. wide). Avoid using a board that's cupped or twisted. If it has any knots, they should be small and tightly in place. Referring to the cutting diagram, cross-cut and rip the stock as needed to get the dimensions shown in the Bill of Materials. You'll want the crosscuts to be square, so make sure your miter gauge is set at exactly 90 degrees.

Shape the Case Parts
The clock case is made up of the two sides (A), the three shelves (B), the lower back (C) and the upper back (D). Using the grid patterns provided, lay out and mark the side curves, along with the curve on the lower back and the upper back. Cut out the curves with a hand saw or hand-held jig saw, then use a file and sandpaper to smooth the sawn edges.

Next, the router table and a 1/8 in. radius roundover bit are used to round several of the edges. You'll need to round the front edges of the sides, the front edges of the three shelves, the bottom front edge of the lower back, and the top front edge of the upper back. The router bit won't be able to get into the sharp corners on the upper back curve, so some work with a file and sandpaper will be needed there.

Assemble the Case Parts
Lay out and mark the shelf locations on the two sides, then assemble as shown with 1 1/4 in. by no. 8 flathead wood screws, countersink to a depth of 1/2 in. Add the lower and upper backs in the same manner. Cut the plugs just slightly long, then glue them in the countersink holes. When dry, sand the plugs flush with the surface.

Time stands still for our painted pine clock/shelf combo

This good looking clock not only reminds you of the time, it also provides a couple of shelves to display favorite curios. There's no fancy joinery needed here, just butt joints secured with countersink screws. Although the joinery may be simple, it's plenty sturdy for a small wall clock like this. We hope you enjoy building and using it.

We used pine for all parts except the birch plywood dial board. The molding

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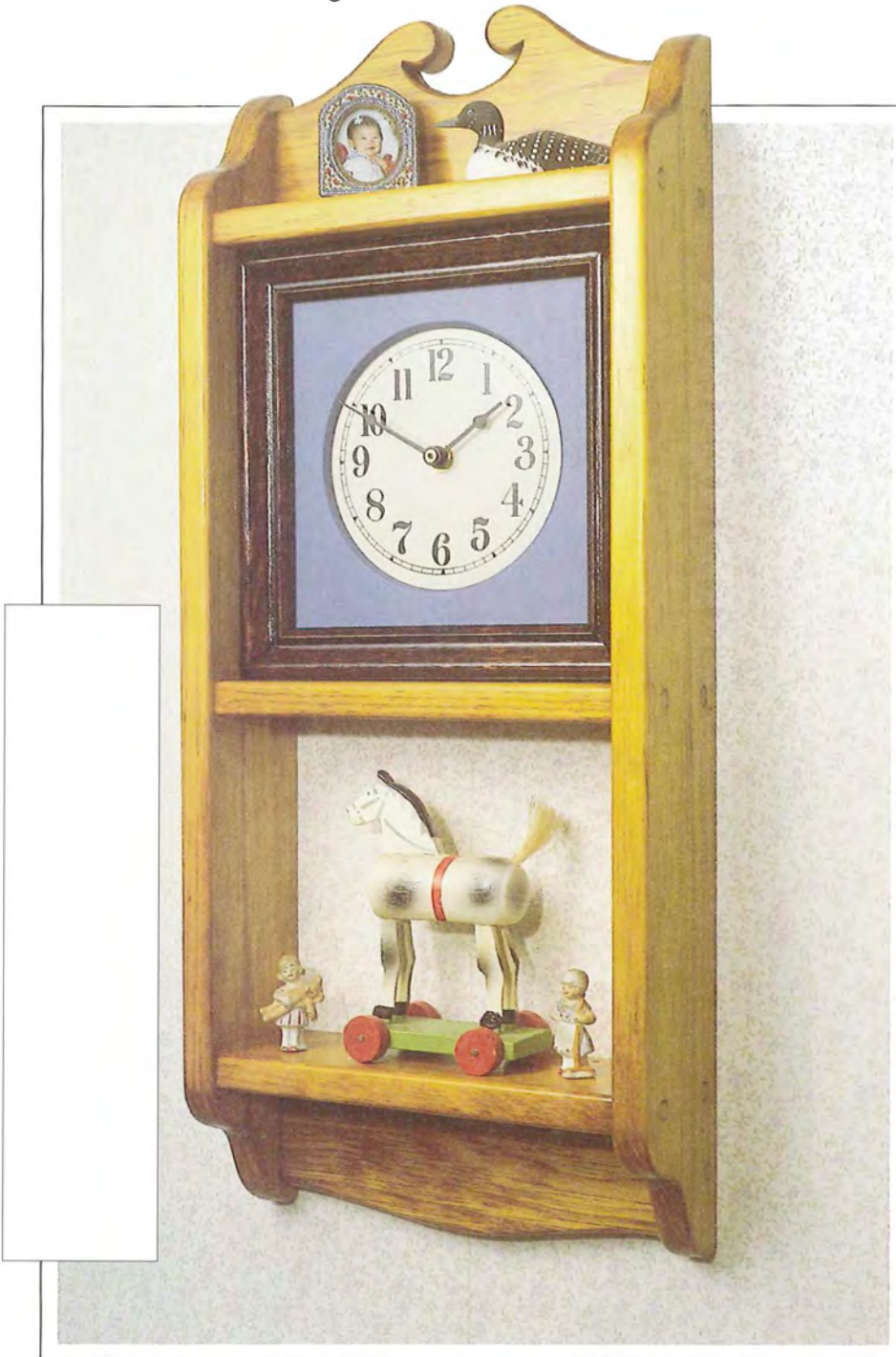


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We used pine for all parts except the birch plywood dial board. The molding

can be purchased at most any lumberyard.

Cut Stock to Size

As shown in the cutting diagram, you can get most of the stock for this project from a 52 in. length of 1 by 8 lumberyard pine (keep in mind that 1 by 8 stock will actually measure $\frac{3}{4}$ in. thick by $7\frac{1}{4}$ in. wide). Avoid using a board that's cupped or twisted. If it has any knots, they should be small and tightly in place. Referring to the cutting diagram, cross-cut and rip the stock as needed to get the dimensions shown in the Bill of Materials. You'll want the crosscuts to be square, so make sure your miter gauge is set at exactly 90 degrees.

Shape the Case Parts

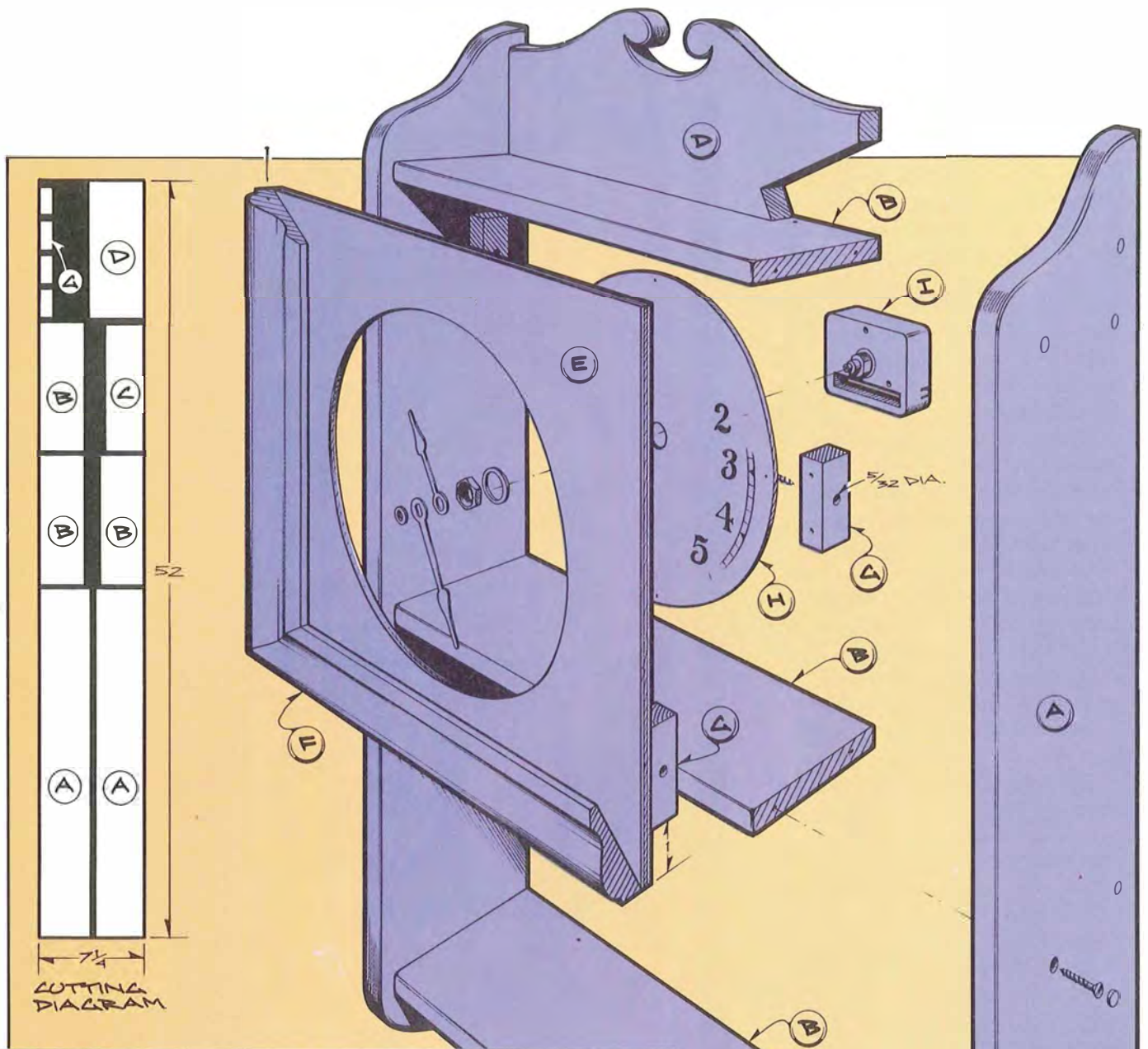
The clock case is made up of the two sides (A), the three shelves (B), the lower back (C) and the upper back (D). Using the grid patterns provided, lay out and mark the side curves, along with the curve on the lower back and the upper back. Cut out the curves with a band saw or hand-held jig saw, then use a file and sandpaper to smooth the sawn edges.

Next, the router table and a $\frac{1}{4}$ in. radius roundover bit are used to round several of the edges. You'll need to round the front edges of the sides, the

front edges of the three shelves, the bottom front edge of the lower back, and the top front edge of the upper back. The router bit won't be able to get into the sharp corners on the upper back curve, so some work with a file and sandpaper will be needed there.

Assemble the Case Parts

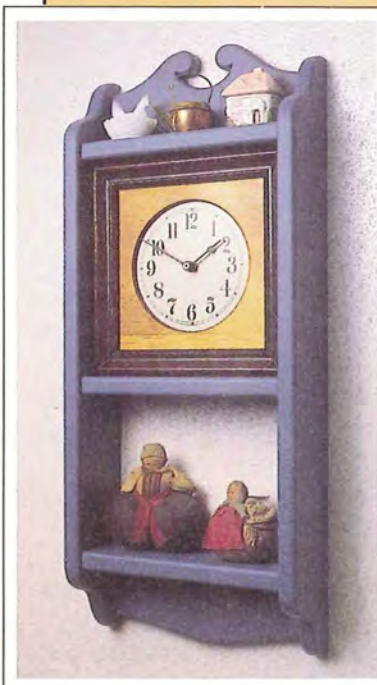
Lay out and mark the shelf locations on the two sides, then assemble as shown with $\frac{1}{4}$ in. by no. 8 flathead wood screws, countersunk to a depth of $\frac{1}{4}$ in. Add the lower and upper backs in the same manner. Cut the plugs just slightly long, then glue them in the countersunk holes. When dry, sand the plugs flush with the surface.



CUTTING DIAGRAM

Bill of Materials
(all dimensions actual)

| Part | Description | Size | No. Req'd. |
|------|-------------|---------------------|------------|
| A | Side | 3/4 X 3 1/2 X 24 | 2 |
| B | Shelf | 3/4 X 3 1/4 X 9 | 3 |
| C | Lower Back | 3/4 X 3 X 9 | 1 |
| D | Upper Back | 3/4 X 4 X 9 | 1 |
| E | Dial Board | 1/4 X 9 X 9 | 1 |
| F | Molding | 1 1/16 X 1 1/8 X 9 | 4 |
| G | Cleat | 1/2 X 3/4 X 2 | 4 |
| H | Dial | 6 in. dia. | 1 |
| I | Movement | 5/8 X 2 1/8 X 2 1/8 | 1 |



Our clock also looks good with blue as a primary color and a stained dial board.

