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COFFEE TABLE

This coffee table can be built from clear grade redwood and features a tongue-and-groove board top. Feel free to use another variety of wood, either stained or left natural color.

1. Cut all of the pieces to size using the dimensions given.

2. Construct the inner legs (D, E) then connect them in two pairs by fastening a top support (H) to the backs of the wide inner leg pieces. The upper edge of the top supports should be flush with the top of the inner legs.

3. Fasten the outer legs (B, C) to the inner legs. To achieve a good corner joint, place a square block inside the inner legs and use band clamps to hold the assembly while it dries.

4. Set the side frame pieces (F) on the outer legs, their ends flush with the corner on the outer legs. Glue and nail in place, then fasten the end frame pieces (G) in position.

5. Rip one top piece (A) down the middle. Set the tongue section on the table and push its ripped edge against the side frame. Then fit the other three uncut pieces in place. Trim the ripped edge of the remaining piece as needed to fit it in and complete the top.

6. Make sure the outer pieces of the top are flush with the top of the side frames, then drive a few finishing nails through the frames into those top pieces. Also, drive nails through the ends of the top pieces into the top supports.

7. Turn the table over on its top. Fit the two cross braces (J) in place, then drive a couple of finishing nails through the side frames into the ends of each brace. Install glue blocks or metal corner bracing between the cross braces and the side frames.

8. Turn the table right side up and drive a pair of finishing nails through each full top piece, then drive one through each narrow support piece into the brace.

9. Set all nails, fill the holes with putty, sand, and finish the table as desired.



LIST OF MATERIALS

(finished dimensions in inches)

A	Top pieces (4)	3/4 × 5-1/2 × 52-1/2 (tongue and groove)
B	Outer leg pieces (4)	3/4 × 3-1/2 × 12-1/2
C	Outer leg pieces (4)	3/4 × 2-1/2 × 12-1/2
D	Inner leg pieces (4)	3/4 × 2-1/2 × 17-1/4
E	Inner leg pieces (4)	3/4 × 1-1/2 × 17-1/4
F	Side frame pieces (2)	3/4 × 5-1/2 × 54
G	End frame pieces (2)	3/4 × 5-1/2 × 20-3/4
H	Top supports (2)	3/4 × 3-1/2 × 19-1/4
J	Cross braces (2)	1-1/2 × 3-1/2 × 20-3/4
	Wood screws	#8 × 1-1/4
	4d finishing nails	
	Glue blocks or metal corner bracing	
	Wood glue	

