

Instructions for Wood Cube

Materials for the base:

- Eight 1 ½" x 1 ½" x 13" lengths of pine
- Four 1 ½" x 1 ½" x 16" lengths of pine
- One ½" x 16" x 16" plywood
- Four ¼" x 16" x 16" plywood or cedar closet lining board
- Wood glue
- Jig (to make pocket holes)
- 2 ½" Pocket hole screws
- Nail gun (I have an airless Ryobie)
- Clamps

Note: I had all my wood pre-cut at Home Depot, where I purchased all my supplies.

Instructions:

1. Follow the instructions for 1 ½" settings on your jig, and use your drill to make pocket holes at each end of the 13" lengths of pine.
2. Put a little glue on the end of the 13" pine, and place it on the end of one of the 16" lengths of pine, at a 90-degree angle. Clamp together, and use one of the screws to secure it.



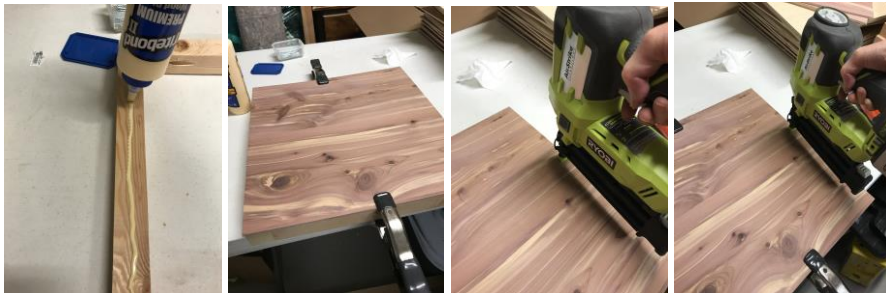
3. Attach the other end of the 13" piece to another 16" pine piece.



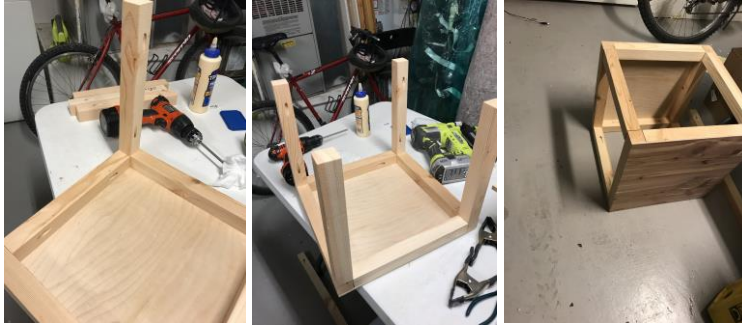
4. Repeat Steps 1-3 to attach another 13" piece at the opposite ends of the 16" pieces, so you have a 'frame'.



5. Make another 'frame,' so you have a total of two.
6. Glue one of the cedar boards to the 'frame' and use the nail gun to secure it in several places—each corner, and three or four places on each of the four sides. Repeat for the other 'frame.'



7. Join the remaining 13" pieces to one of the frames, by gluing and screwing in place.



8. Place the ½" plywood on the top and glue and nail in place.
9. Add the remaining squares of cedar to the two sides, and your base is complete.