

# How to build a sports equipment storage rack

## Step 1: Mark the Placement for the Dowels

Start by marking the dowel locations on the board. Use a combination square to mark straight lines across the board at the height the dowels will be. Mark the lines about 2" away from either edge. Use an angle finder to determine the proper angle for the dowels. The angle should slope downward enough that balls won't fall off easily.



## Step 2: Drill Holes for the Dowels

Using the angle finder as a guide, drill holes at each mark. Start by drilling straight into the board, then angling the drill to match the angle finder.

## Step 3: Cut the Dowels and Insert Them

Use a hacksaw to cut enough dowels to fill the holes. The dowels should be 8" or 9" long. Sand off any rough edges. Put some wood glue on one end of each dowel, and set the dowels in place in the holes.

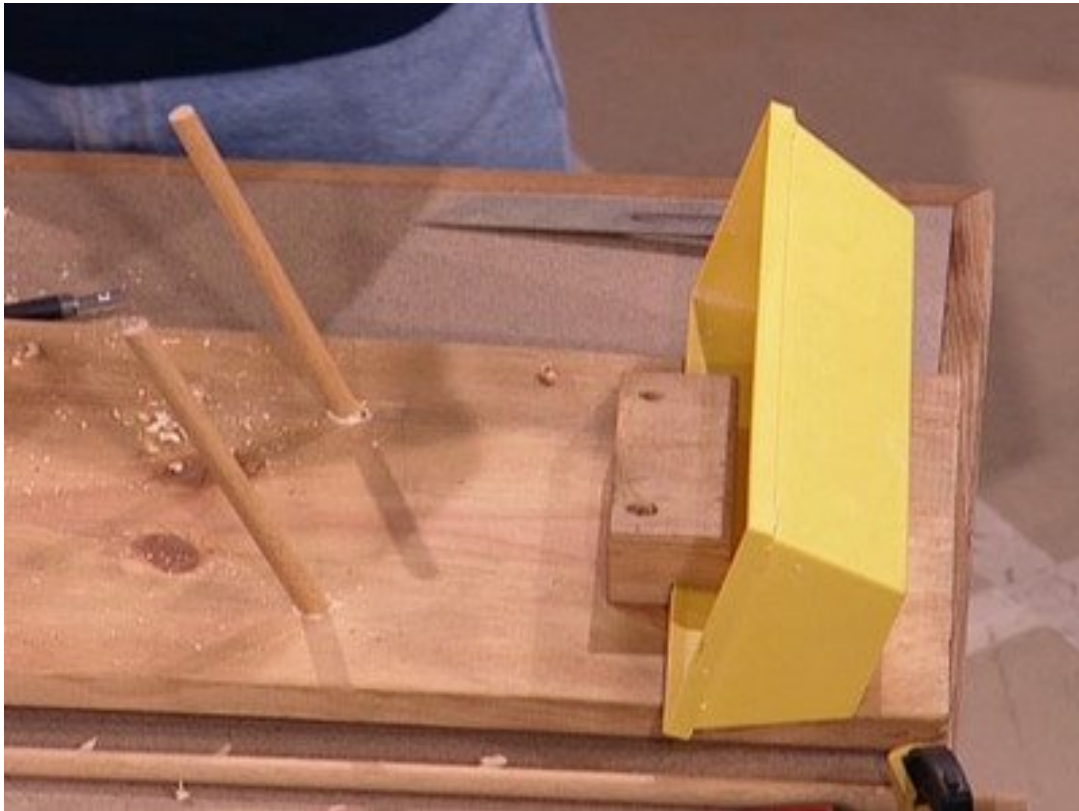


Image 1



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Image 2





#### **Step 4: Cut and Attach the Block of Wood**

Use a hacksaw to cut a groove in a 2" by 6" by 2" block of wood. The groove should be slightly shallower than the thickness of the lip on the mudding tray.

Drill two holes in the block, about 1" from either edge. Loosely secure the block to the rack so the grooved side faces down. Fit the lip of the mudding tray under the groove, and continue tightening the block to clamp the tray in place.

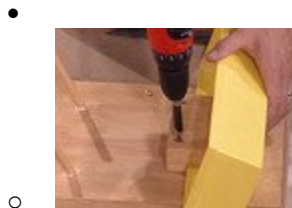


Image 1



Image 2

