
Chalkboard Shelf Plan



Supplies

- (4) 1x3x8
- (8) 2" "L" brackets
- 24"x48" 1/8" chalkboard
- 1-1/4" pocket screws
- 1-1/4" finish nails
- (2) "D" ring picture hangers
- Spray primer
- Spray paint for the "L" brackets – oil rubbed bronze or your color of choice

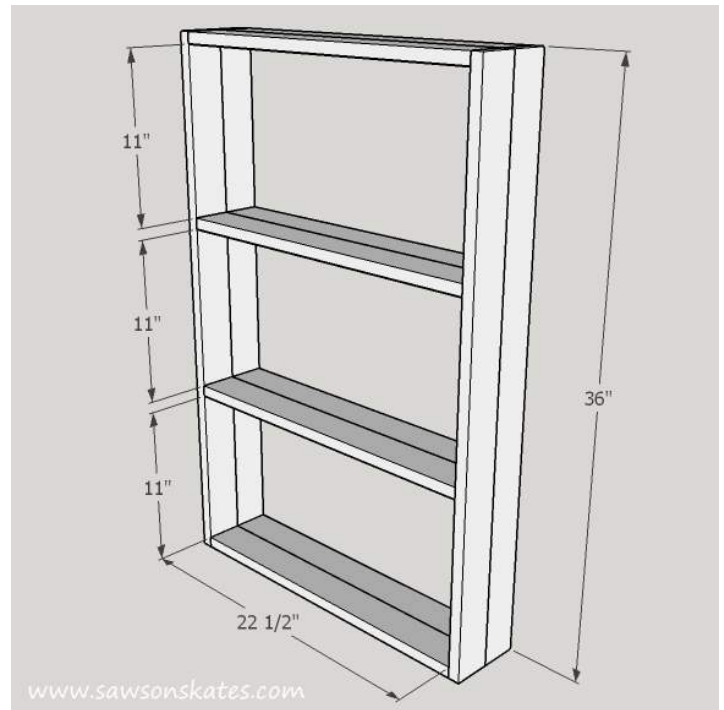


Tools

- Miter saw
- Circular saw
- Drill
- Kreg jig
- Hammer or nail gun

Step 1. Make the Sides. Cut 4 pieces of 1×3 to 36". Using sandpaper round the edges of all the pieces.

Step 2. Cut the Shelf Boards. Cut 8 pieces of 1×3 to 22-1/2". Using sandpaper round the edges of all the pieces.



Step 3. Assemble the Shelves. Take 4 of the shelf boards and drill three pocket holes in the edges. Clamp one board with pocket holes to one board without pocket holes and attach using 1-1/4" pocket screws. Repeat for remaining boards.



Step 4. After the shelves are assembled, drill two pocket holes in each end of the shelves.

Step 5. Assemble the Carcass. Note: the sides are simply stacked (no glue or pocket holes). Place the top and bottom, so the pocket holes face towards the outside of the shelf, clamp the sides to the top and bottom and attach using 1-1/4" pocket screws.



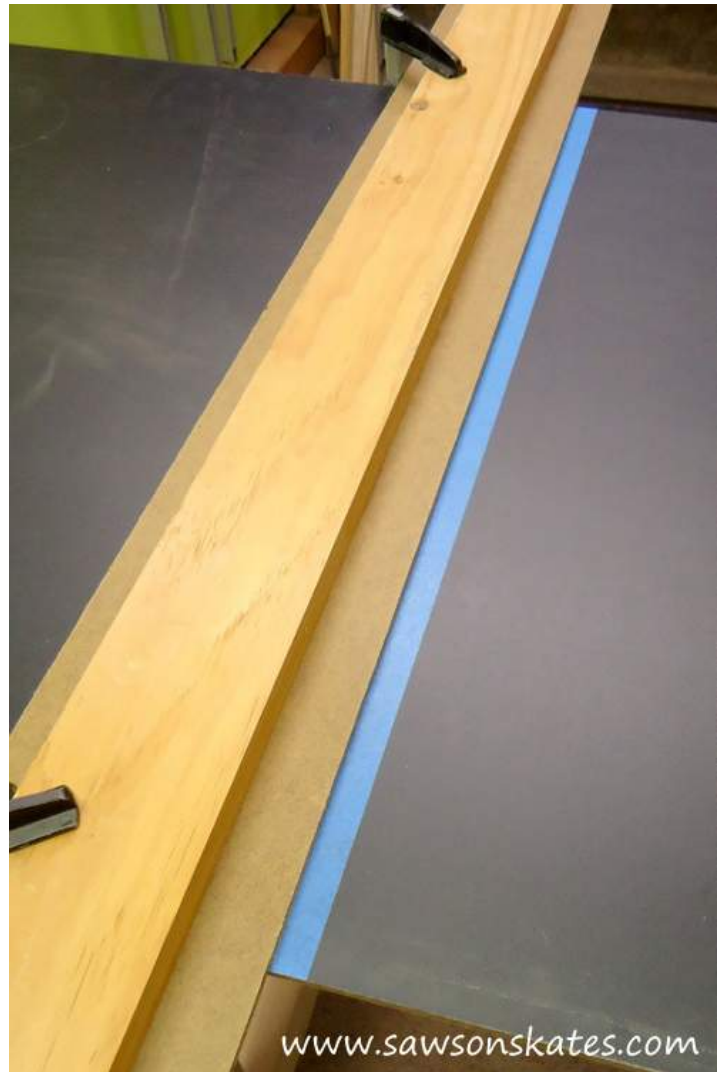
Step 6. Attach the Shelves. Cut 2 pieces of scrap to 11" to help position the shelves. Place the scrap on the bottom, clamp shelf in position so the pocket holes face down and towards the back and attach using 1-1/4" pocket screws. Repeat for second shelf.



Step 7. Stain the Shelf. It's a good idea to stain the piece now before attaching the back. I chose to stain mine using a variation of my Dark Chocolate stain technique. I skipped the tea step, but applied the oxidation solution. Once oxidization solution was dry, I sanded and applied a coat of Rust-Oleum "Kona" stain. The piece was finished with a coat of Bob's Miracle Finish.



Step 8. Attach the Back. Cut the back to 36". Apply painter's tape on the cut line to avoid chipping the chalkboard. For an easy way to make a long straight cut, check out my "How to Make Circular Saw Crosscut Jig". I applied some of the Kona stain I used for the shelf to the edge of the chalkboard, so it would blend with the shelf. Clamp the back in position and attach using 1-1/4" finish nails.



Step 9. Attach the picture hangers.



Step 10. Attach the corner brackets.

