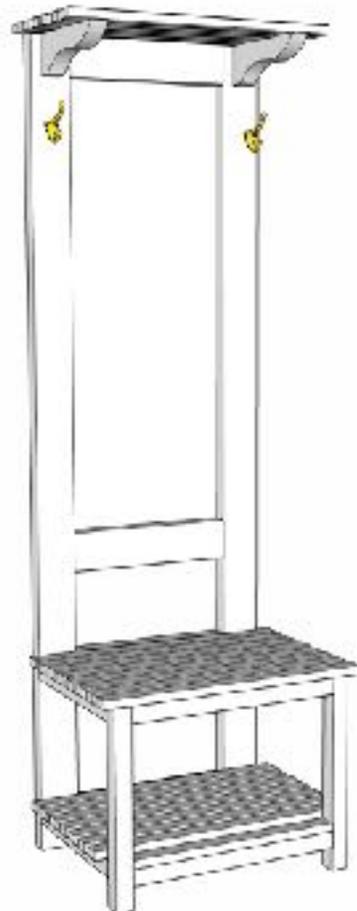

DIY Rustic Hall Tree for Under \$100

Addicted2DIY.com



Before beginning this project...

Please read through all of the plans as well as the blog post associated with this project . Always use safety precautions whenever using power tools and follow the manufacturer's suggested guidelines. Make sure to wear proper safety protection (eye protection, hearing protection, etc.) before beginning any project. Cut all pieces per the measurements in the plans, unless noted otherwise.

Materials and Cut List:

Materials Needed:

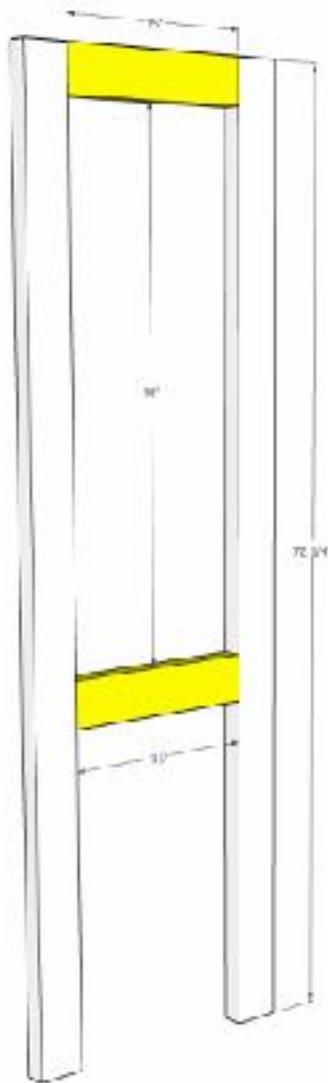
- 3 - 2x4 @ 8' long
- 3 - 2x2 select pine @ 8' long
- 6 - 1x2 @ 8' long (pieces can be made from a single 1x12 ripped down)
- 1 - 2' x 4' chalkboard
- 2 coat hooks
- 1 1/4" brad nails
- 2 1/2" pocket screws
- Wood filler or 3/8" dowels (for filling pocket holes)
- 1" narrow crown staples

Cut List:

- 2 - 2x4 @ 72 1/4" long
- 2 - 2x4 @ 15" long
- 2 - 2x4 @ 11" long
- 2 - 2x2 @ 17 1/4" long
- 8 - 2x2 @ 15" long
- 2 - 2x2 @ 19" long
- 21 1x2 @ 24" long
- 2 - 1x2 @ 15" long
- 1 - 1x2 @ 19" long
- 1 - chalkboard @ 18" x 42"

Step One:

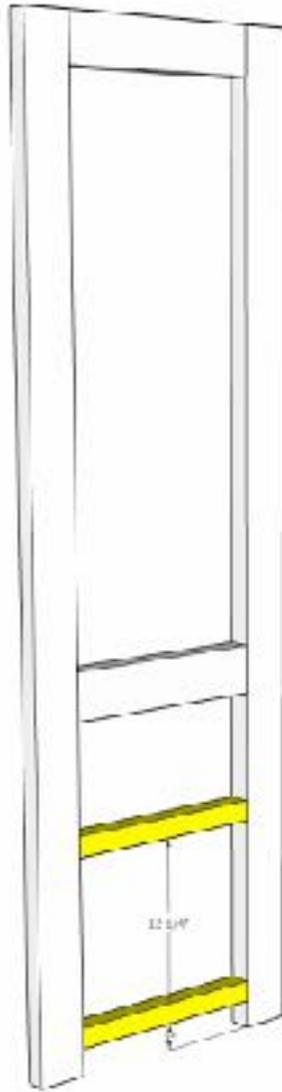
Build the back frame



Drill 1 1/2" pocket holes into the 15" 2x4 pieces. Attach with wood glue and 2 1/2" pocket screws per the diagram above.

Step Two:

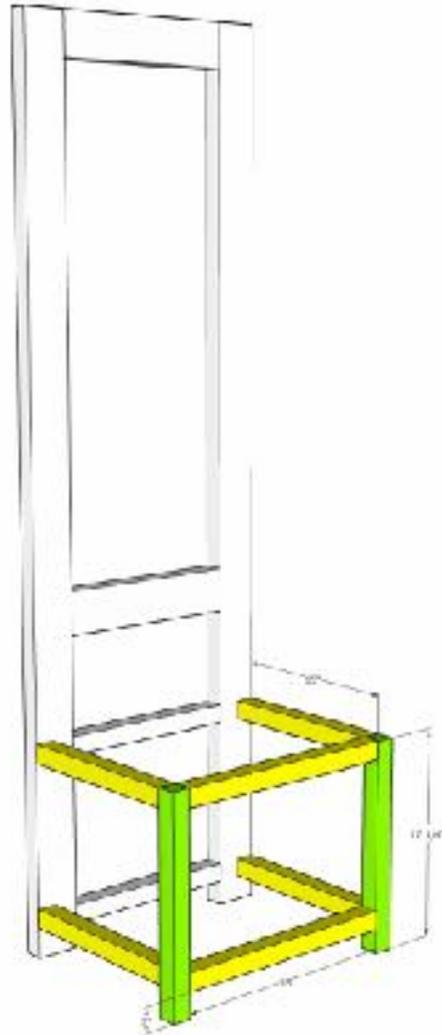
Attach the bottom stretchers



Drill 1 1/2" pocket holes into the 15" 2x2 pieces. Attach to the back frame using wood glue and 2 1/2" pocket screws.

Step Three:

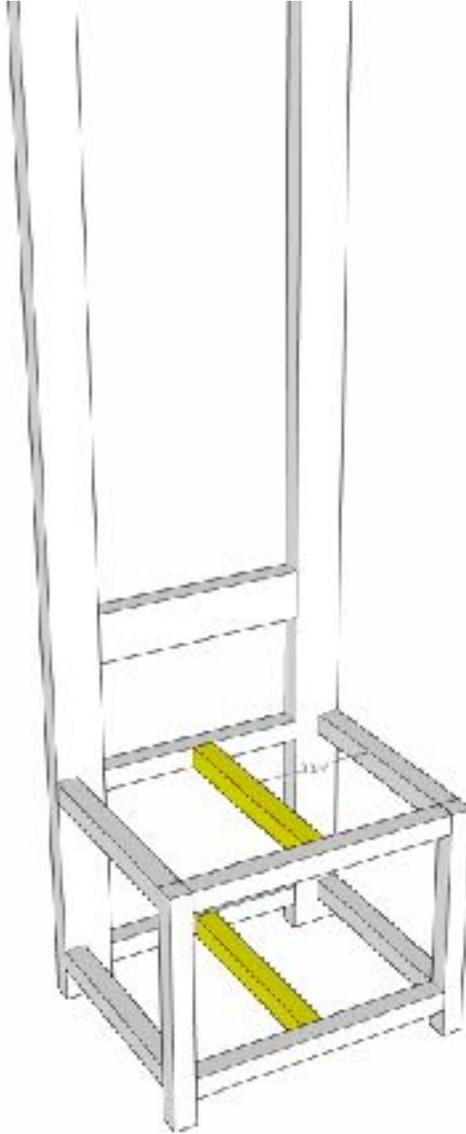
Build the bench frame



Drill 1 1/2" pocket holes into the 15" and 19" pieces that make up the frame of the bench. Attach with wood glue and 2 1/2" pocket screws. Line up and square the bench frame to the back of the hall tree. Glue and attach with 2 1/2" pocket screws.

Step Four:

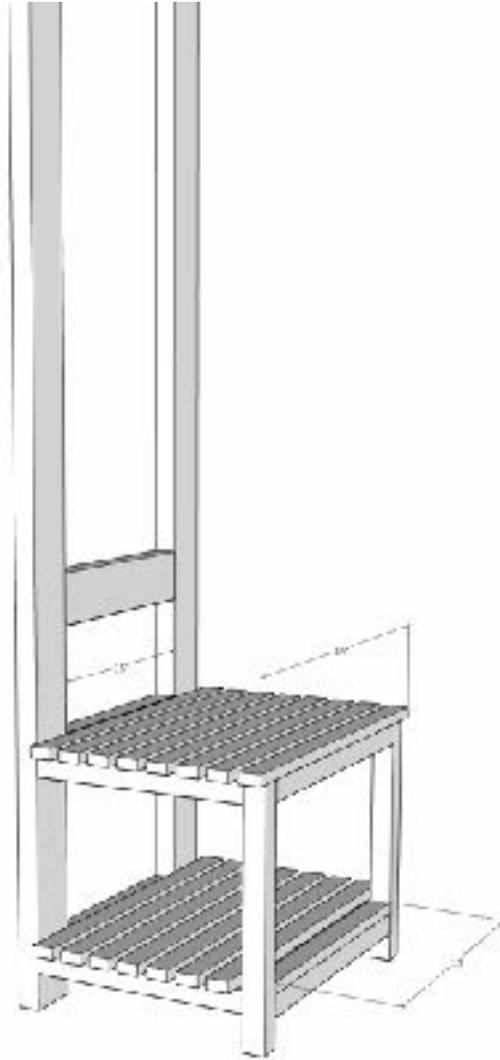
Attach the center support stretchers



Drill 1 1/2" pocket holes into each end of the center support stretchers. Attach to the bench frame with 2 1/2" pocket screws and wood glue.

Step Five:

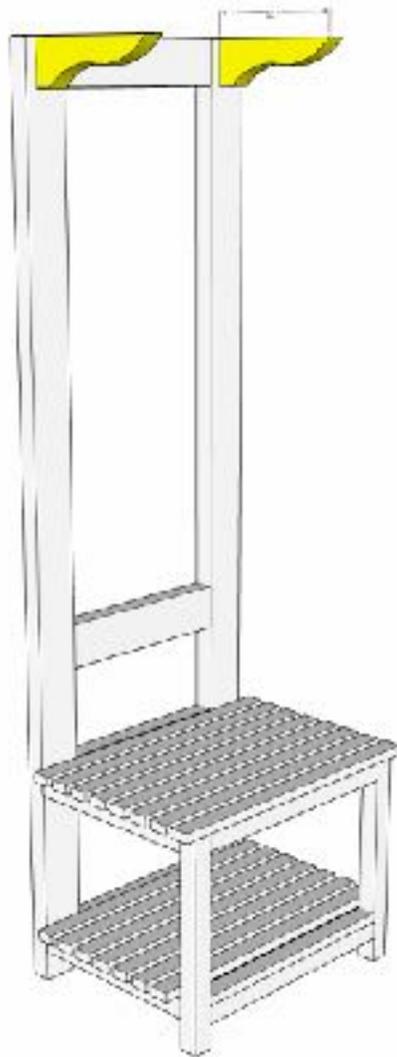
Attach the feet



Attach the 1x2 pieces to the bench, spacing them approximately 5/8" apart. Glue and nail into place with 1 1/4" brad nails.

Step Six:

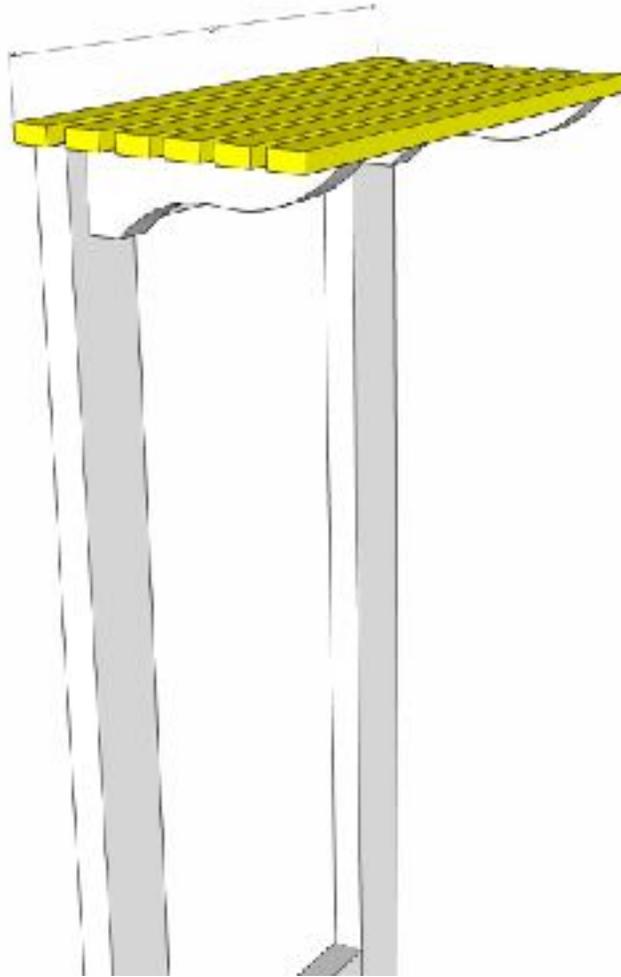
Cut and install the shelf brackets



Use a pencil to draw the radiuses on each of the shelf brackets. With a jigsaw or bandsaw, cut along the area you drew and sand smooth. Drill 1 1/2" pocket holes into the inside faces of the brackets. Glue and attach in place with 2 1/2" pocket screws. Fill the pocket holes with wood filler or 3/8" dowels, cut flush with a hand saw. Sand down smooth.

Step Seven:

Attach the 1x2 shelf pieces

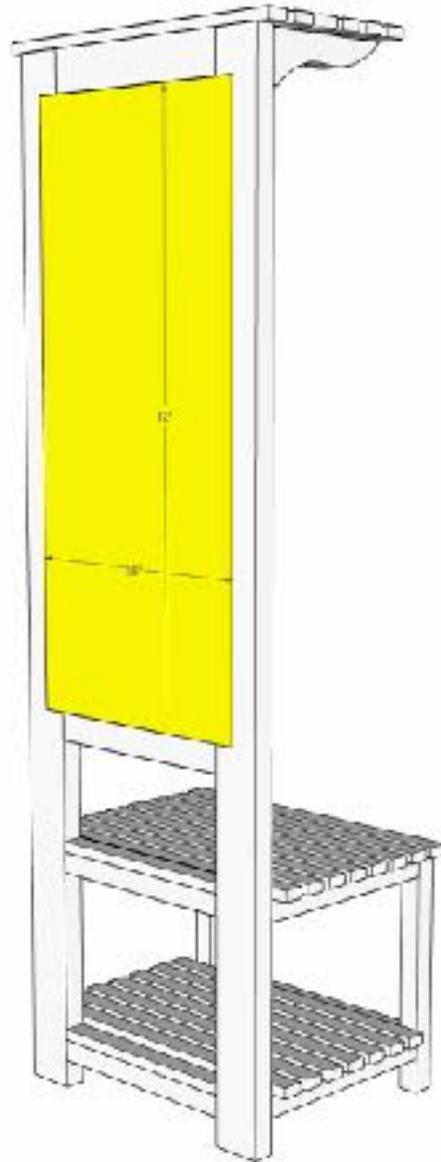


Attach the 1x2 shelf pieces with wood glue and 1 1/4" brad nails, spacing them approximately 5/8" apart.

Fill all of the nail holes with wood filler and sand the entire hall tree smooth. Paint or stain as desired.

Step Eight:

Attach the chalkboard



Center the chalkboard over the back of the hall tree and attach with 1" narrow crown staples. Brad nails can also be used; however, the staples will provide added strength for the chalkboard.

Dimensions:

