

Mobile Workbench with Drawer

By **Anika's DIY Life**

Difficulty

Easy

Add this beginner-friendly DIY workbench to your workshop with this weekend project. It is a great sturdy starter workbench with a drawer and open shelves for storage and organization and can be easily customized.





Tools

Kreg Tools

Kreg®
Pocket-
Hole Jig
720

[Kreg® Pocket-Hole Jig 720](#)

Rip-
Cut™

[Rip-Cut™](#)

Quick-
Flip

[Quick-Flip](#)

90°
Pocket-
Hole
Driver

[90° Pocket-Hole Driver](#)

Hardwood
Bench
Top with
Dog
Holes
Stainless

[Hardwood Bench Top with Dog Holes](#)

Steel
Pocket-
Hole
Screws

[Stainless Steel Pocket-Hole Screws](#)

Other Tools

Miter Saw

Circular saw

Power Drill

Jigsaw

Materials

Wood Products

7 2x4 Boards , 3 1/2" X 11 1/2" , 96"

1 Plywood , 3/4" , 4' X 8'

1 Plywood , 1/4" , 2' X 4'

Hardware & Supplies

1 Drawer Slides

1 Drawer Pull

4 Drop Down Casters

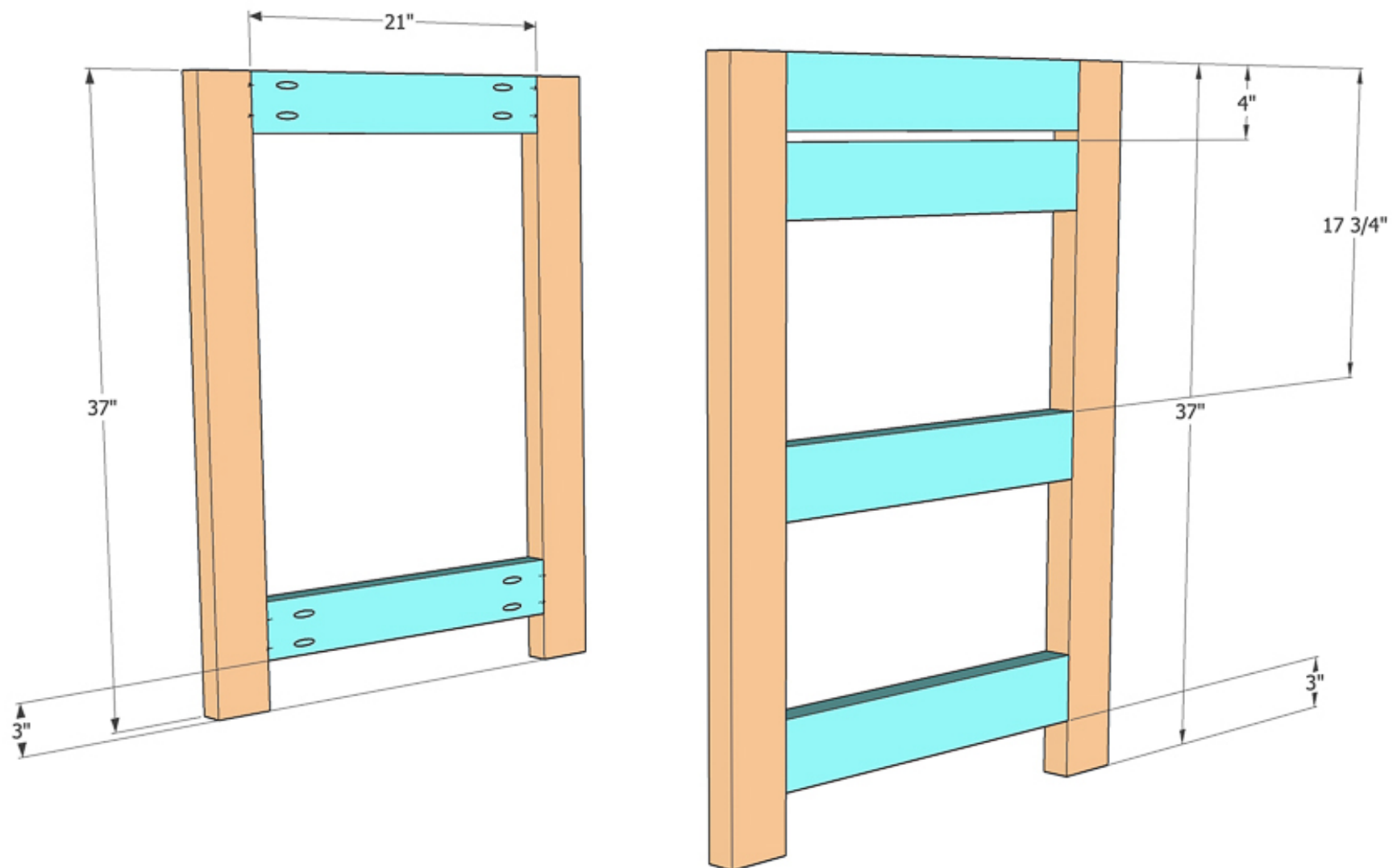
Cut List & Parts

- 4** Legs, 3 1/2" X 1 1/2" X 37"
- 7** Short Aprons, 3 1/2" X 1 1/2" X 21"
- 4** Long Aprons, 3 1/2" X 1 1/2" X 41"
- 2** Front Aprons, 3 1/2" X 1 1/2" X 12"
- 1** Top Support, 3 1/2" X 1 1/2" X 21"
- 2** Middle Supports 3 1/2" X 1 1/2" X 28 1/4"
- 1** Bottom Shelf 3/4" 28" X 44" Plywood
- 1** Middle Shelf 3/4" 28" X 15" Plywood
- 2** Drawer Short Side 3/4" X 22" X 5 1/2" Plywood
- 2** Drawer Short Side 3/4" X 9 1/2" X 5 1/2" Plywood
- 1** Drawer Bottom 1/4" X 22" X 11" Plywood

Directions

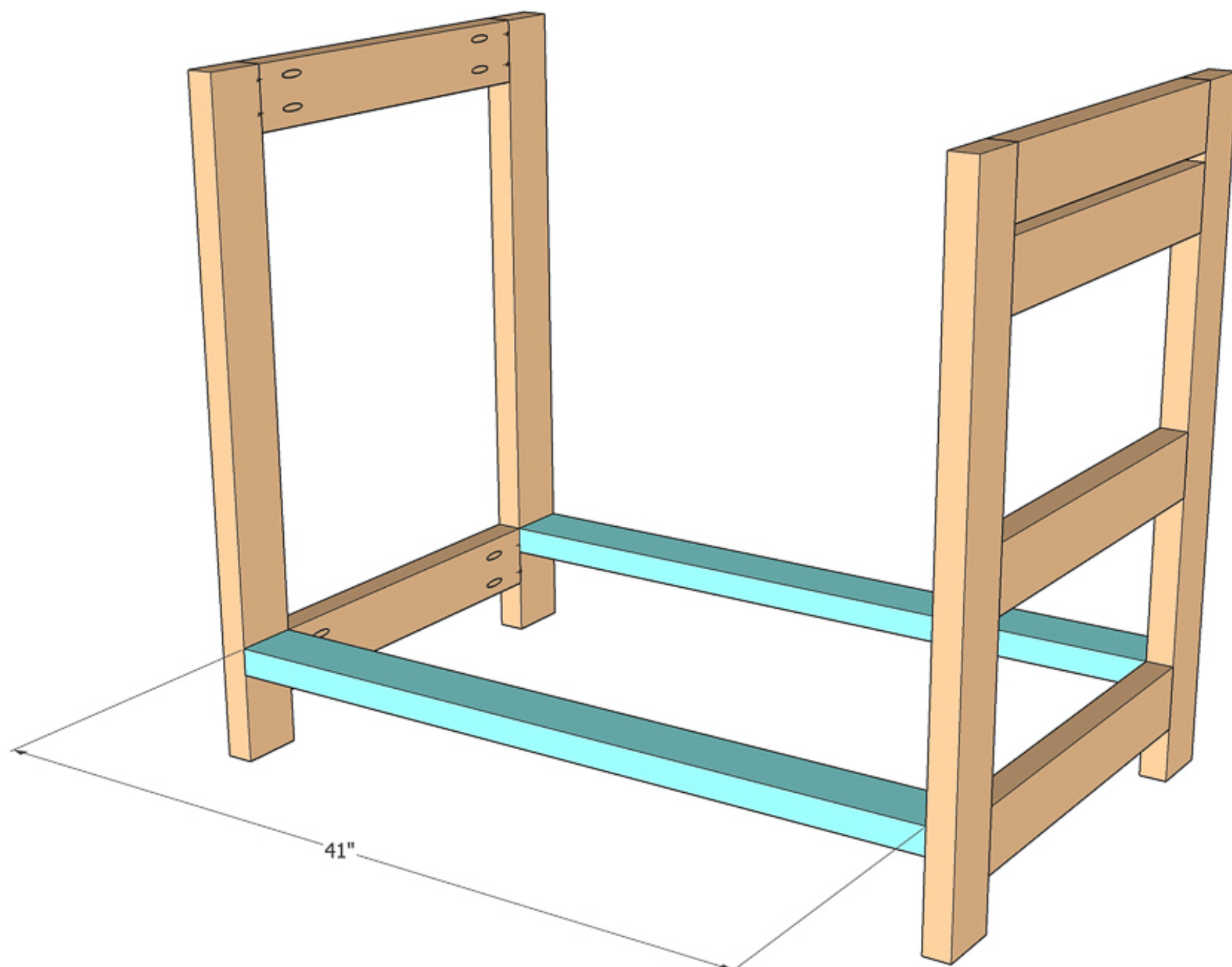
1**Build the legs**

Build the two sides of the leg frame by attaching the short aprons to the legs. Note that one side has 2 short aprons and the other has 4 short aprons. The extra short aprons will help support the shelves and the drawer slides. Use 2 1/2" pocket hole screws and wood glue.



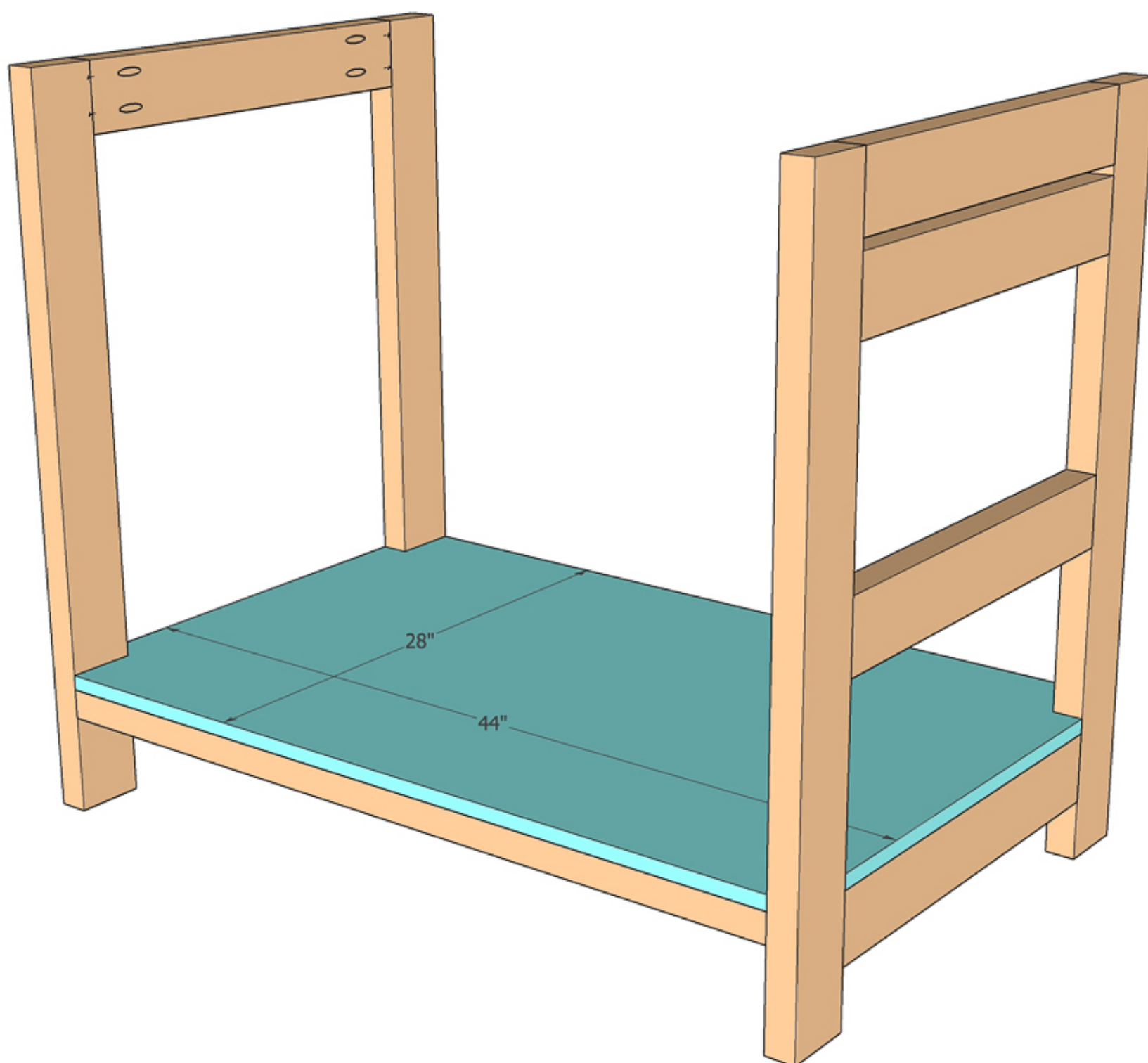
2**Attach the long aprons**

Attach the long aprons to the bottom of the leg frames using 2 1/2" pocket hole screws and wood glue. Once attached to one side, attach to the other side. This will make the support for the bottom shelf



3**Add bottom shelf**

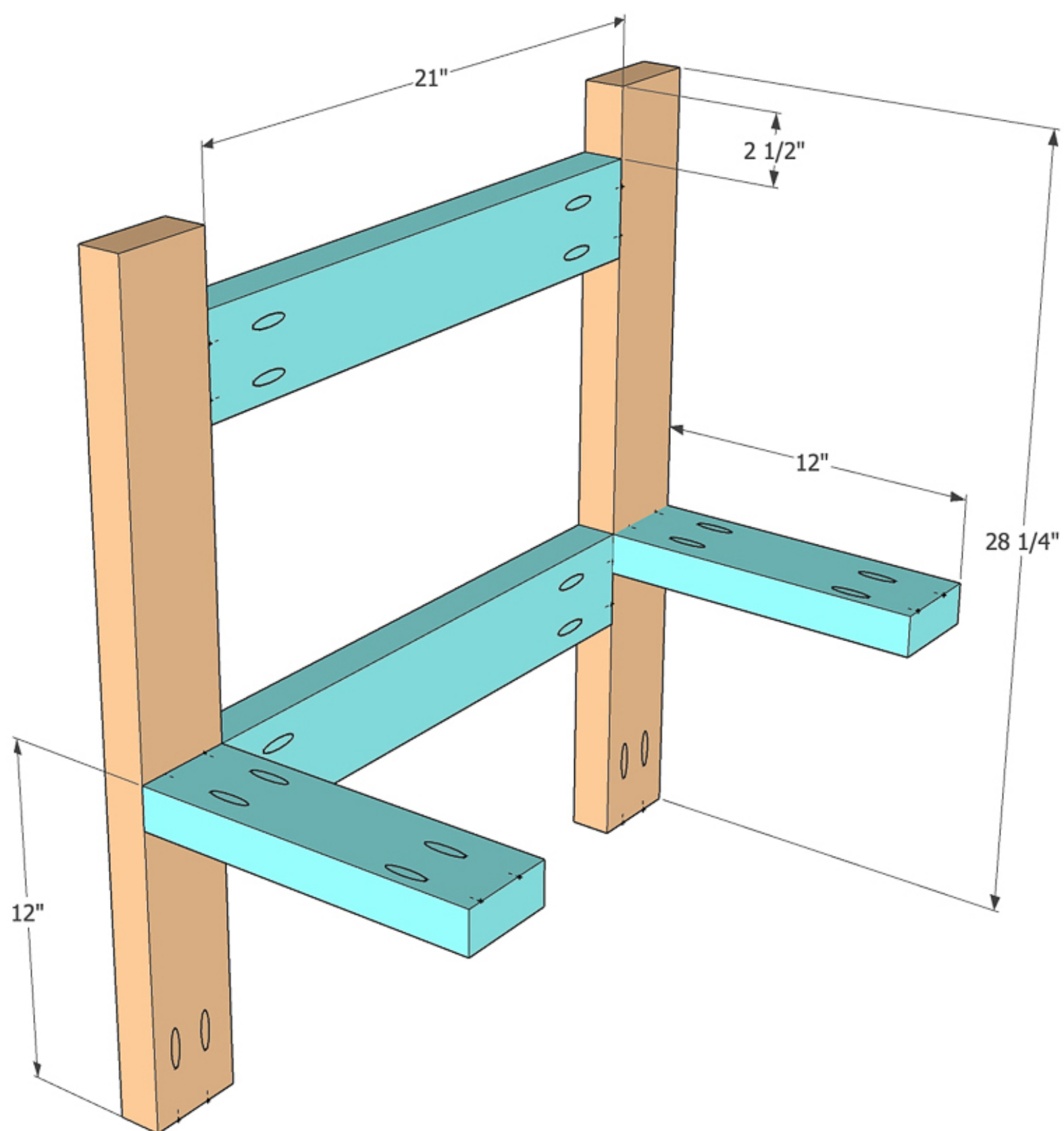
Cut 3.5" x 1.5" notches in plywood using a jigsaw on all corners to accommodate the legs and attach to the frame using 2" countersunk screws or trim head screws



4

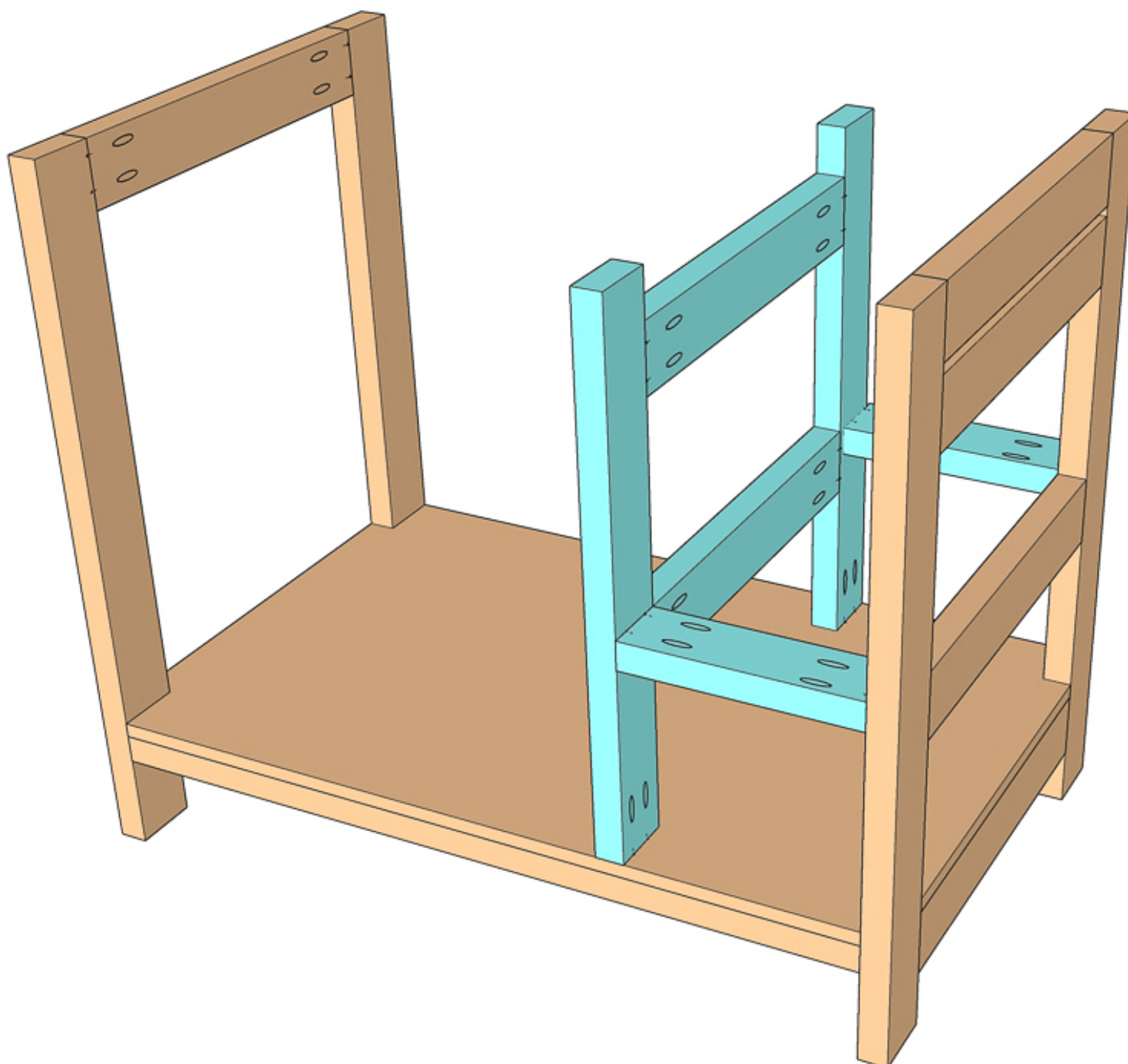
Build the center divider

Build the center divider as shown in the diagram. The boards are all joined using 2 1/2" pocket hole screws and wood glue.



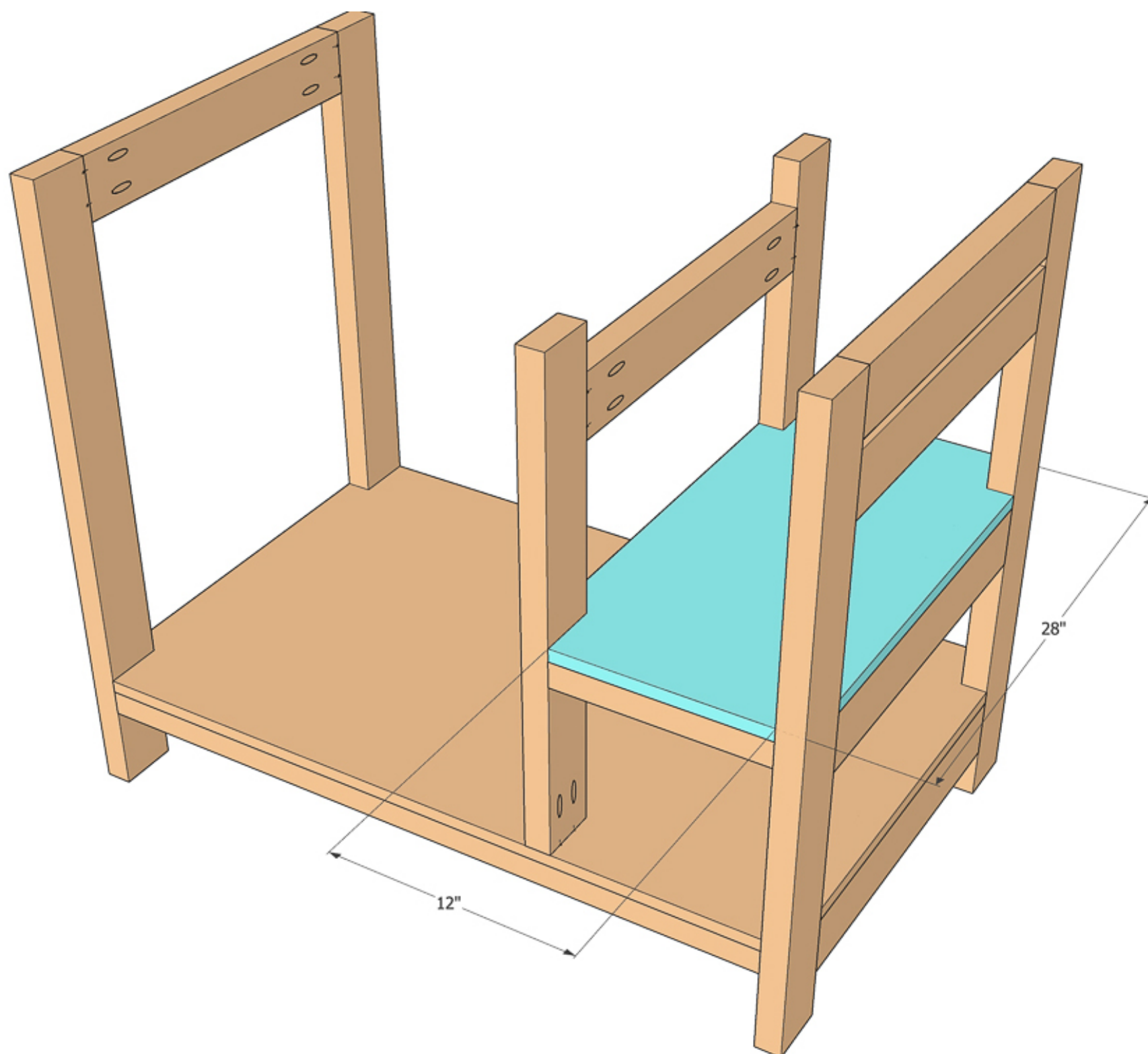
5**Add center divider to workbench**

Attach the center divider to the workbench using 2 1/2" pocket hole screws and wood glue. It is important to keep everything square as you attach.



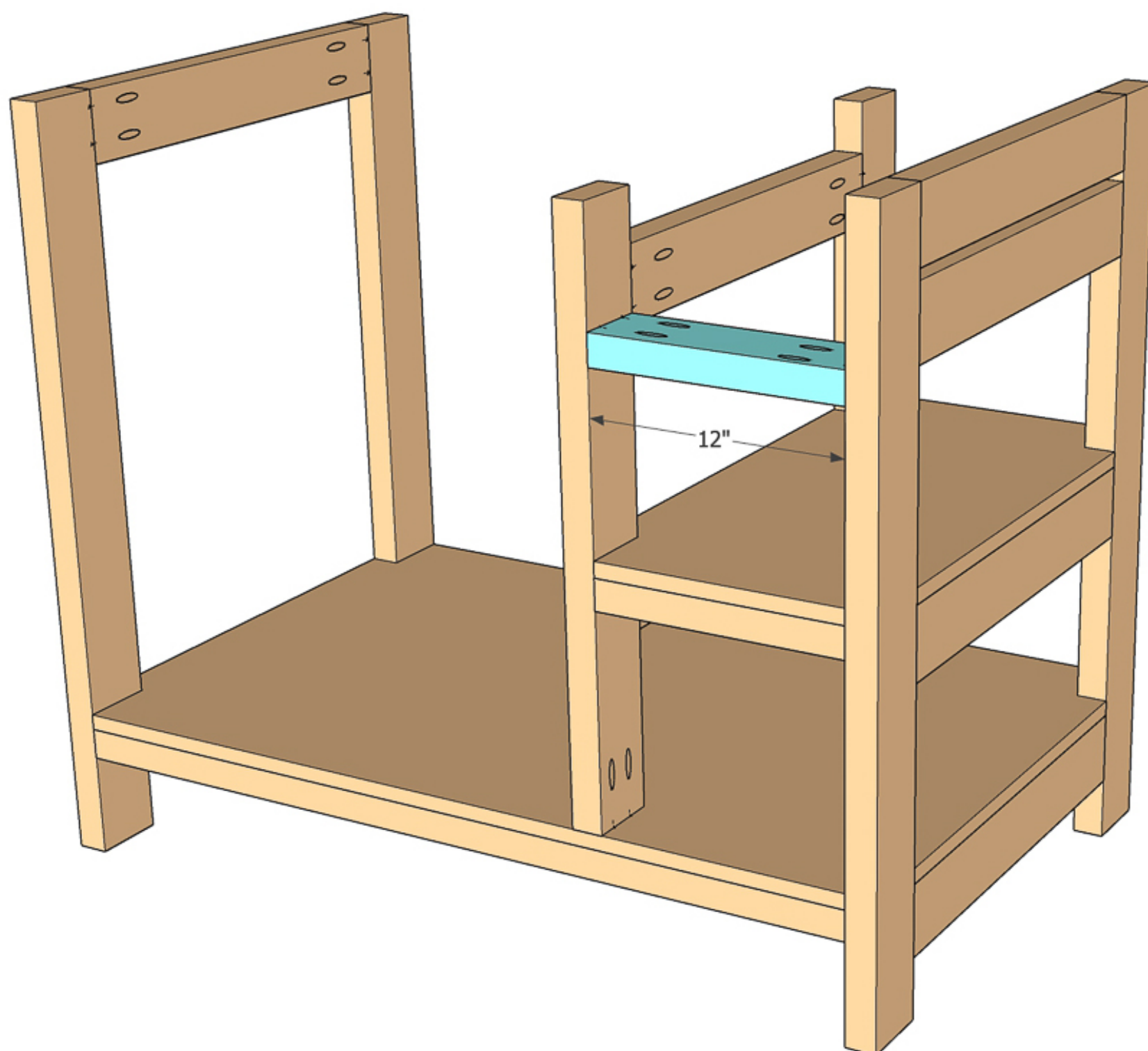
6**Add small shelf**

Cut out the 3.5" x 1.5" notches in plywood using a jigsaw on all corners to accommodate the legs and attach to the frame using 2" countersunk screws or trim head screws



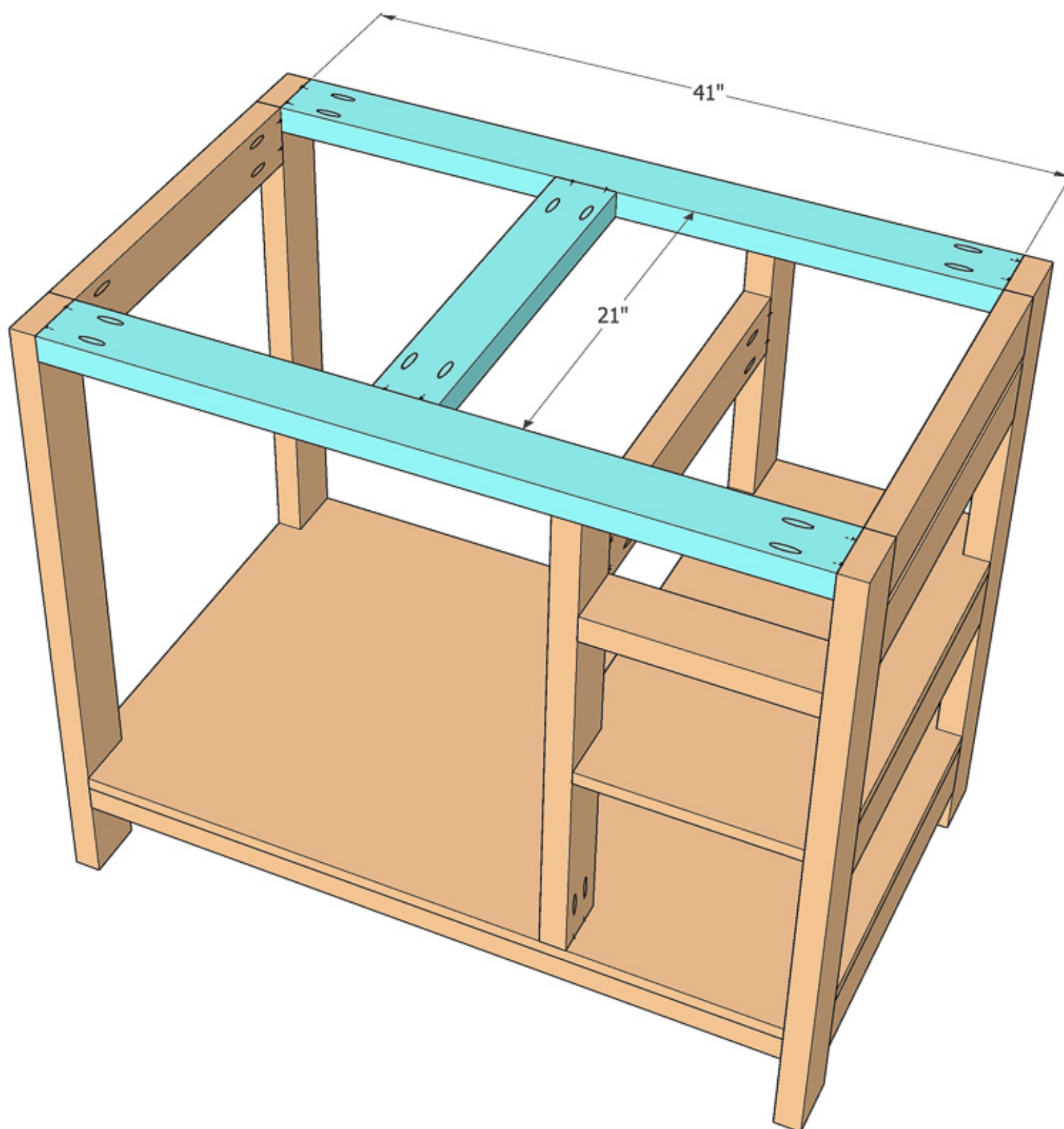
7**Add front support**

Using 2 1/2" pocket hole screws and wood glue, attach the support in the front as shown in the diagram.



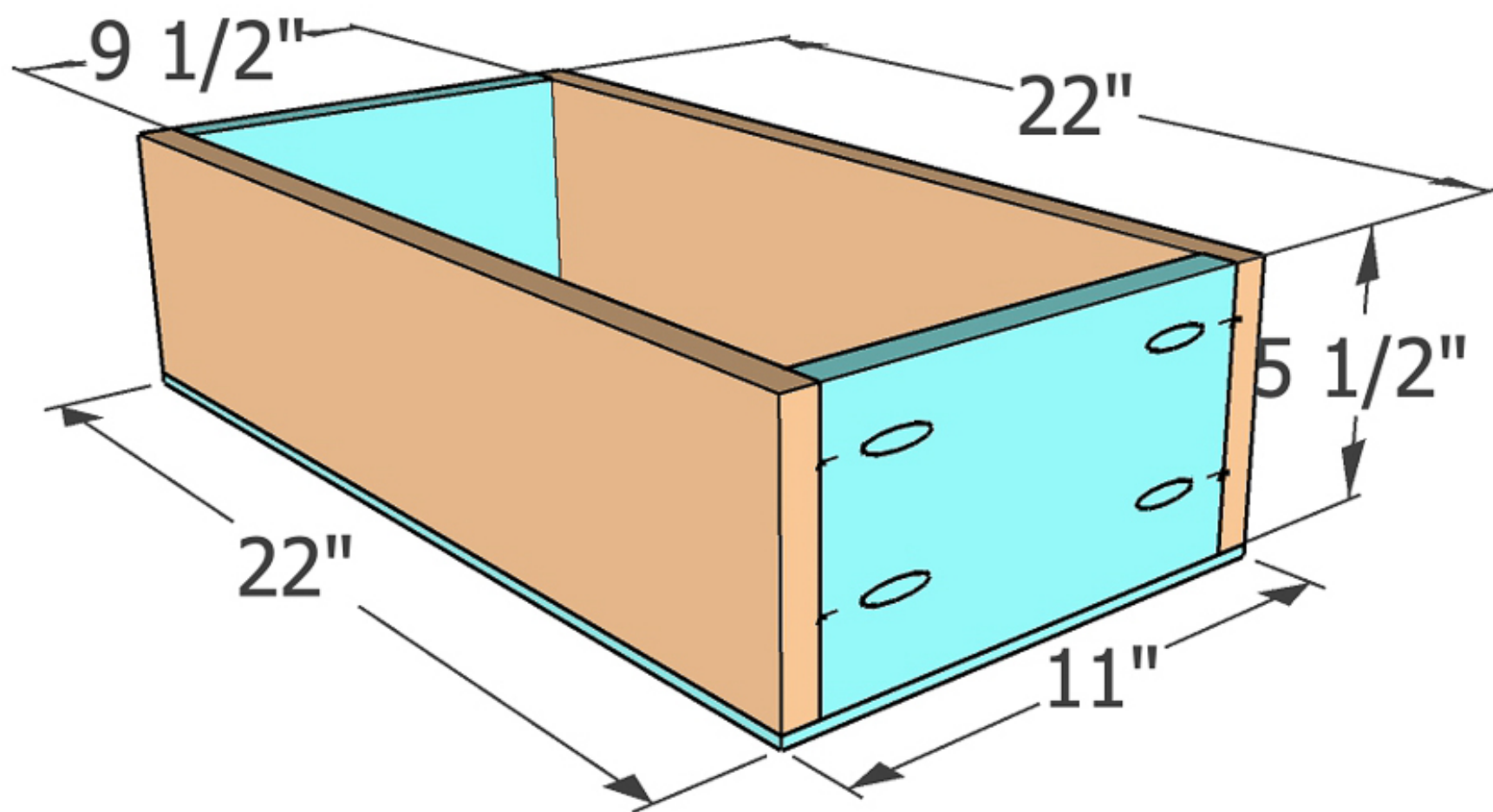
8**Attach top apron and supports**

Attach the top apron and the support brace using 2 1/2" pocket hole screws and wood glue.



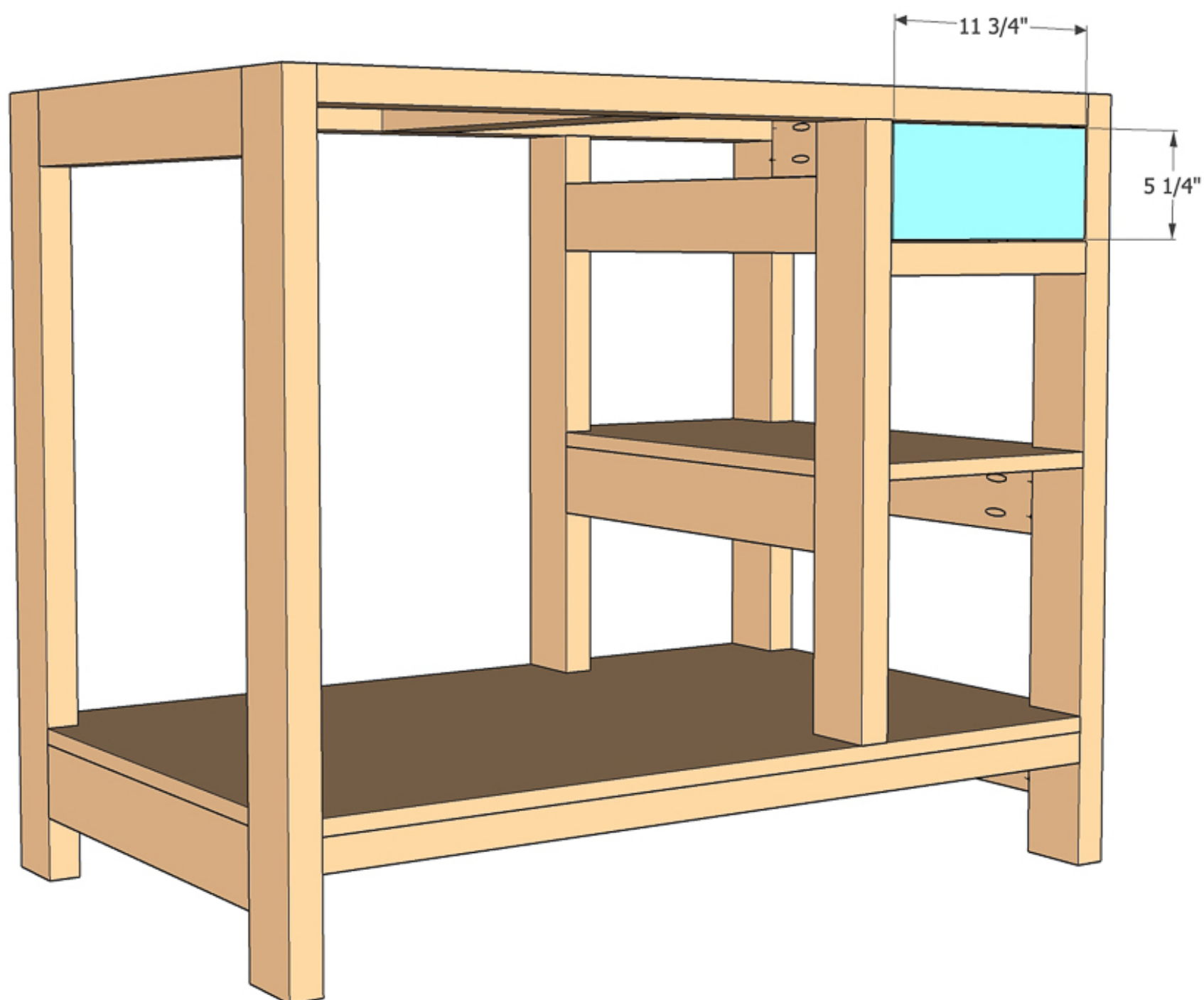
9**Build the Drawer**

Build the drawer using 1 1/4" pocket hole screws. The drawer can be made longer or shorter as needed.



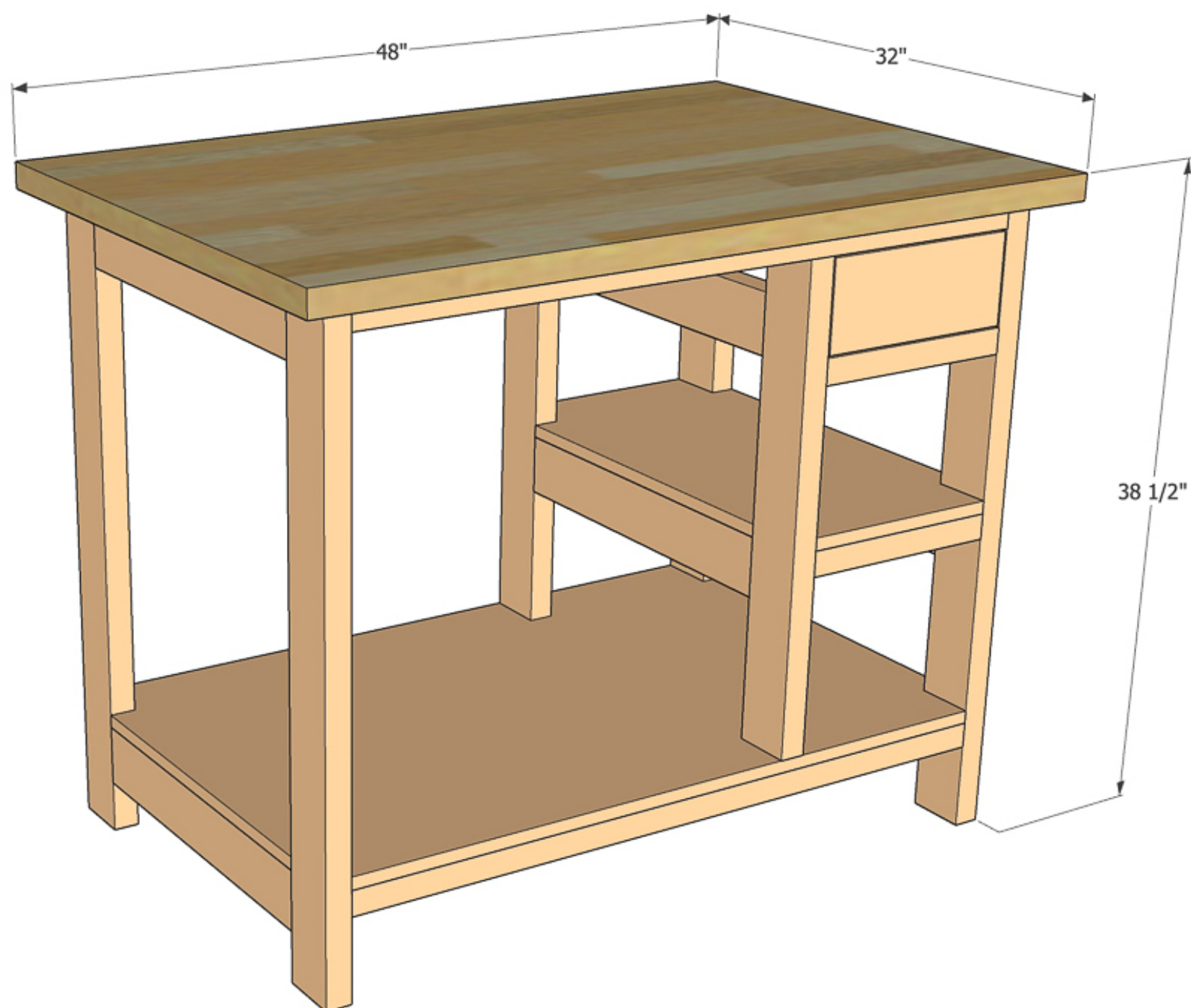
10**Attach the drawer front**

Attach the drawer front ensuring that there is a 1/8" gap on all sides.



11**Attach the Workbench top**

Finally attach the workbench top to the top and support aprons using countersunk 2" pocket hole screws. Ensure that there is a 2" overhang on all sides.

**12****Done!**

Load it up with all your tools and get building!