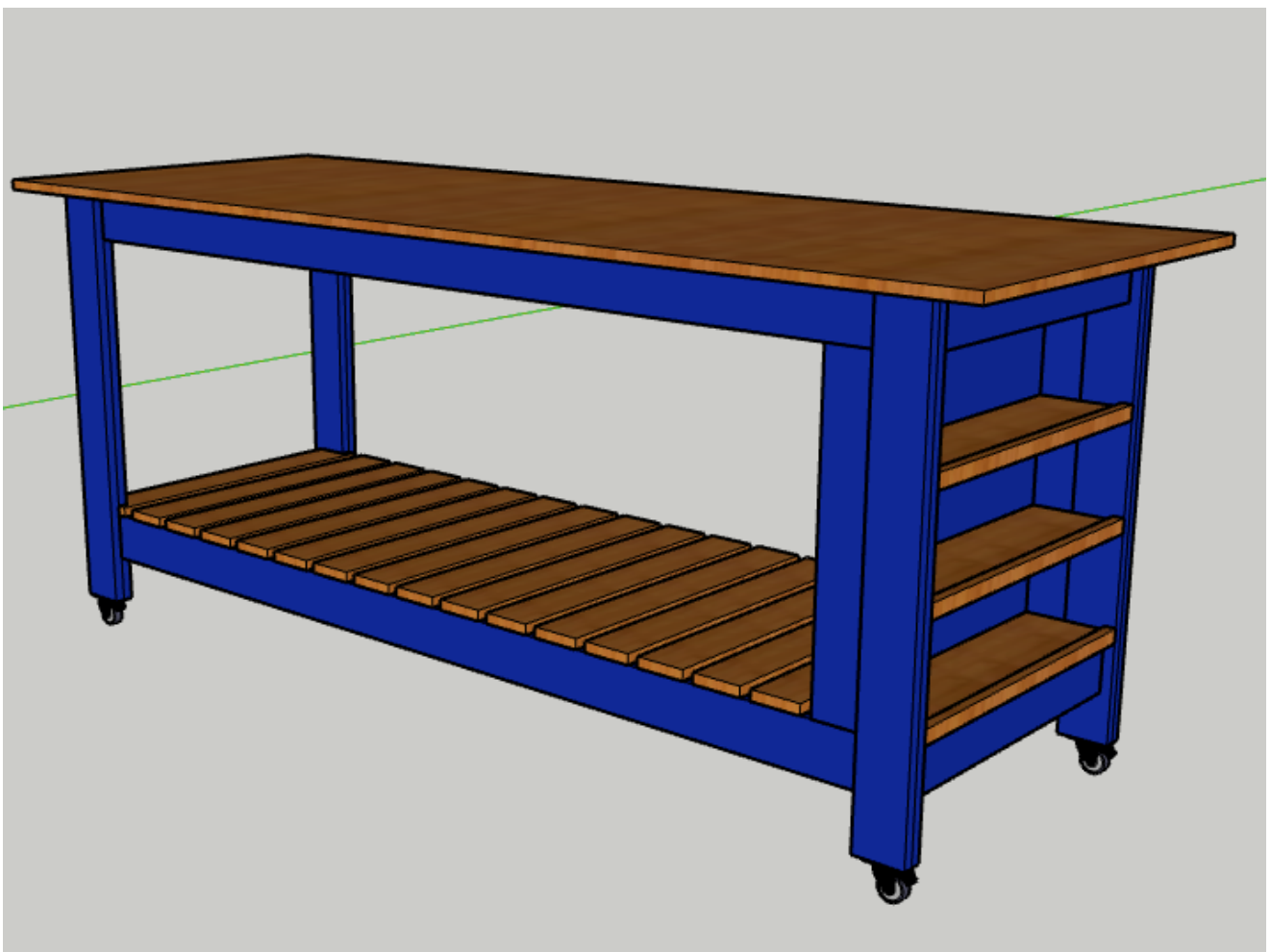


Charleston Crafted

MOBILE WORKBENCH WITH STORAGE



PLANS CREATED BY CHARLESTON CRAFTED

FOR MORE INFORMATION ON THIS PLAN VISIT:

[HTTPS://WWW.CHARLESTONCRAFTED.COM/DIY-MOBILE-WORKBENCH/](https://www.charlestoncrafted.com/diy-mobile-workbench/)

INTRODUCTION

These plans will show you how to build a DIY mobile workbench that is perfect for any shop! This mobile workbench rolls and has a large surface area, so it's great for moving around and working on all your DIY projects!

The plans are easy to follow, but please contact Sean@CharlestonCrafted.com if you have any questions! If you'd like to see our version live in action, check out our blog post at <https://www.charlestoncrafted.com/diy-mobile-workbench/>.

SUPPLY LIST

- (2) full sheets of 3/4" thick plywood (or an assortment of scraps if you have enough!)
- (4) 2" caster wheels
- 1 1/4" pocket screws
- 1" brad nails
- Wood glue
- Stain or paint if desired

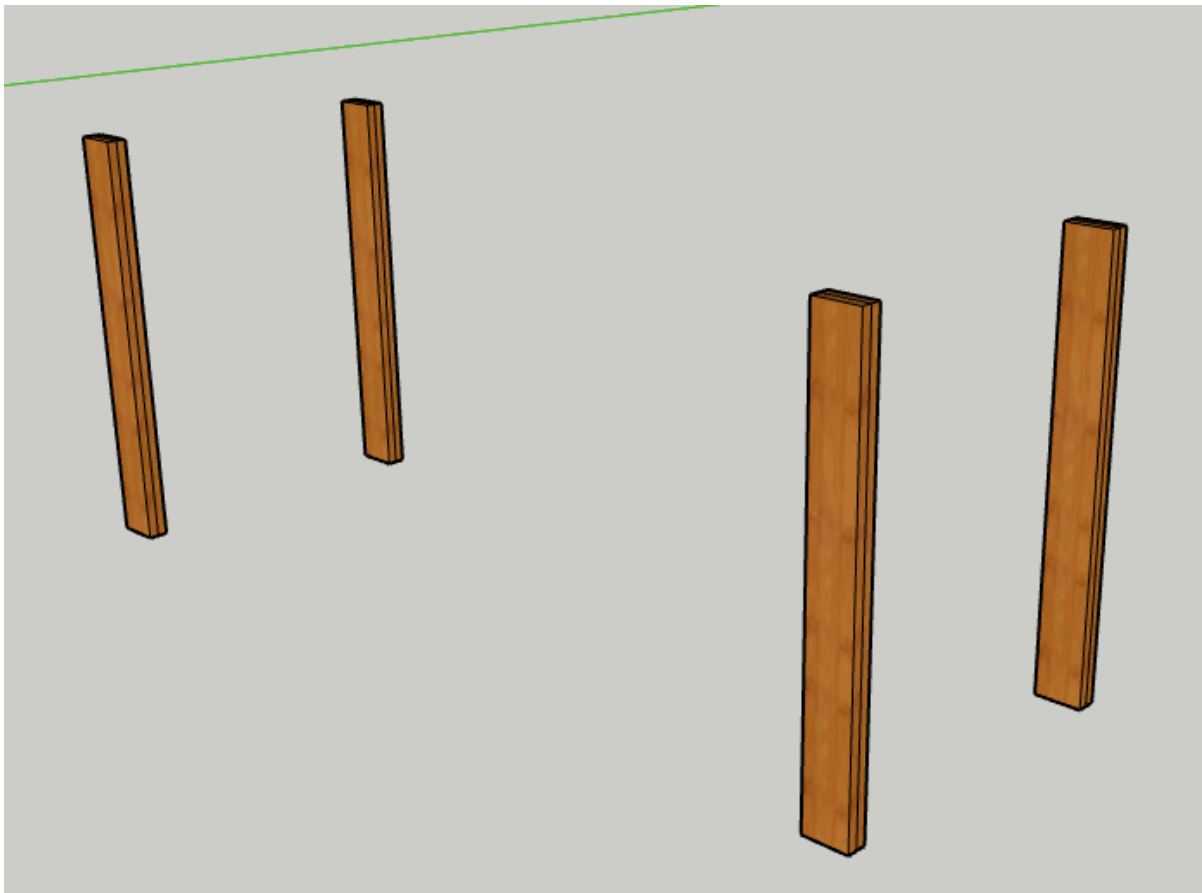
CUT LIST

- (1) Top- 84" x 34"
- (8) Legs- 32 1/4" x 3 1/2"
- (4) Long Stretchers- 69" x 3 1/2"
- (4) Short Stretchers- 23" x 3 1/2"
- (2) Center Supports- 23" x 3 1/2"
- (16) Slats- 24 1/2" x 3 1/2"
- (2) Shelf Sides- 21 3/4" x 3 1/2"
- (1) Shelf Back- 25 1/4" x 23"
- (3) Shelves- 23" x 5 1/2"
- (3) Shelf Fronts- 23" x 1"

*note, all cuts are 3/4" thick using the plywood

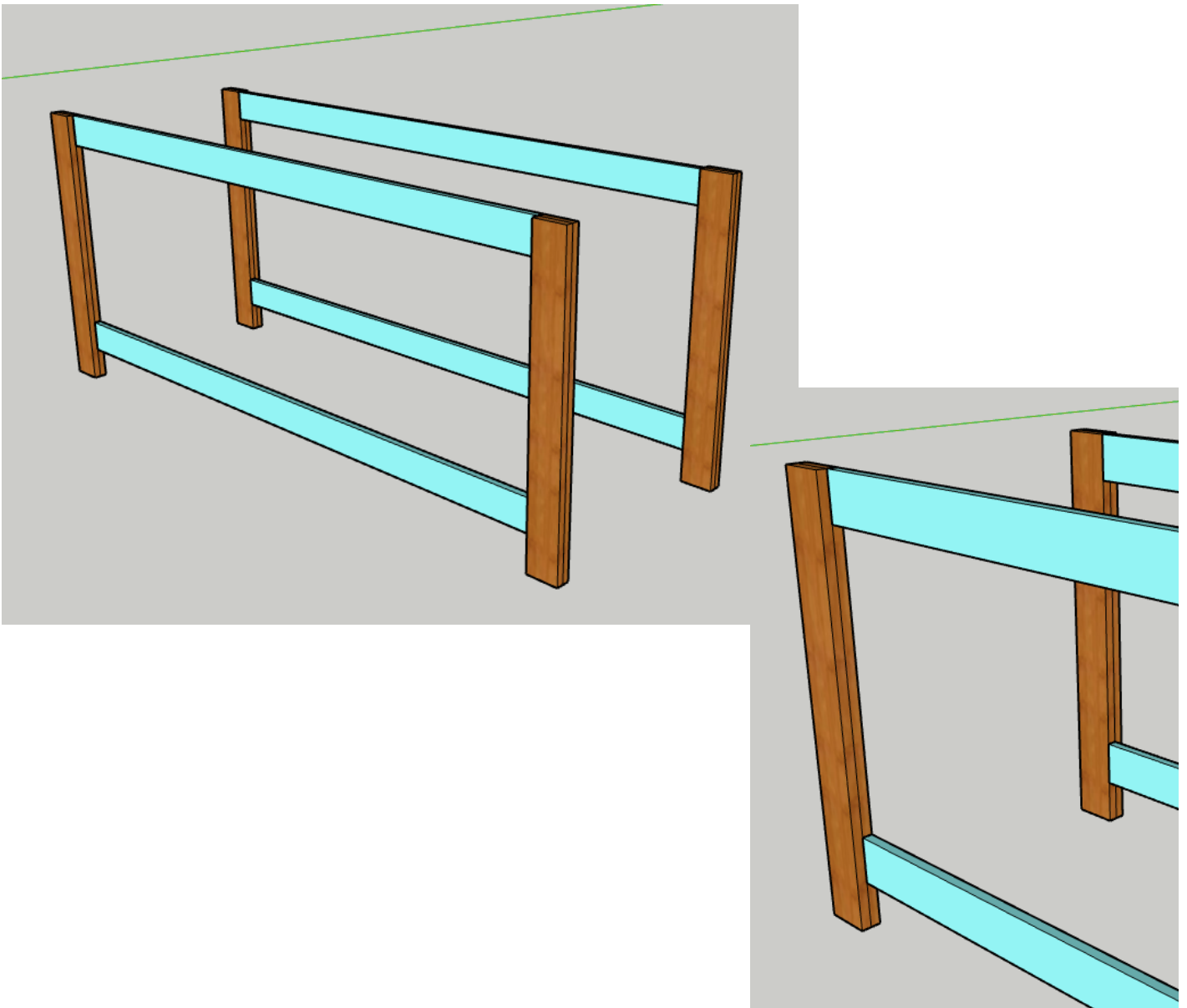
STEP ONE- GLUE LEGS

- Using wood glue, attach two Legs together on one face. Use clamps to hold together.
- Repeat to make three more sets of Legs.
- When dry, drill two pocket holes in one end of each Leg set.



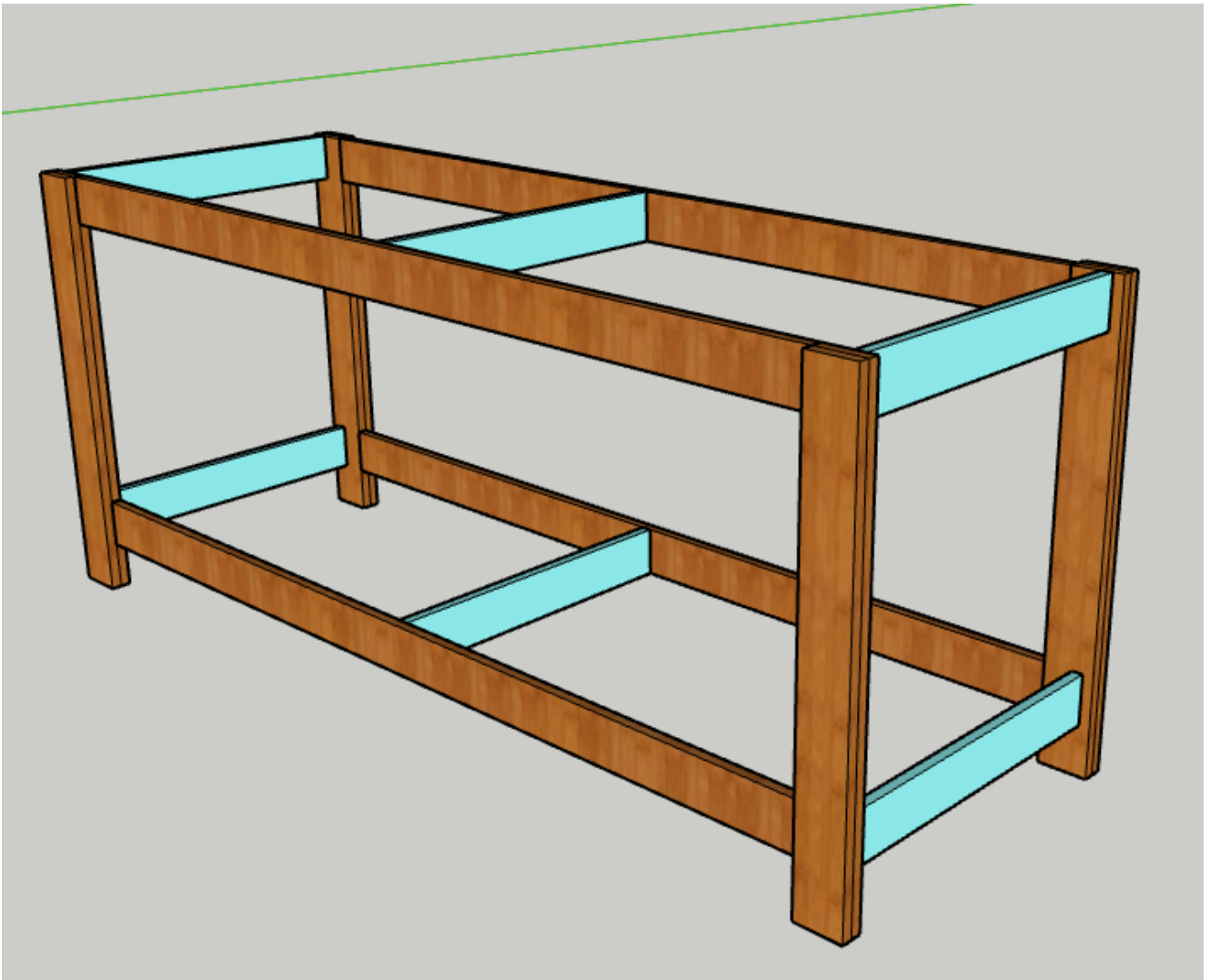
STEP TWO- BUILD FRONT AND BACK FRAME

- Drill two pocket holes in each end of the four Long Stretchers.
- Build the front frame of the workbench by attaching a Long Stretcher at the top of two Legs.
- Attach flush at the top and on the inner half of the Legs.
- Do the same thing with another Long Stretcher 3 1/2" up from the bottom of the Legs.
- Repeat to build the back frame.



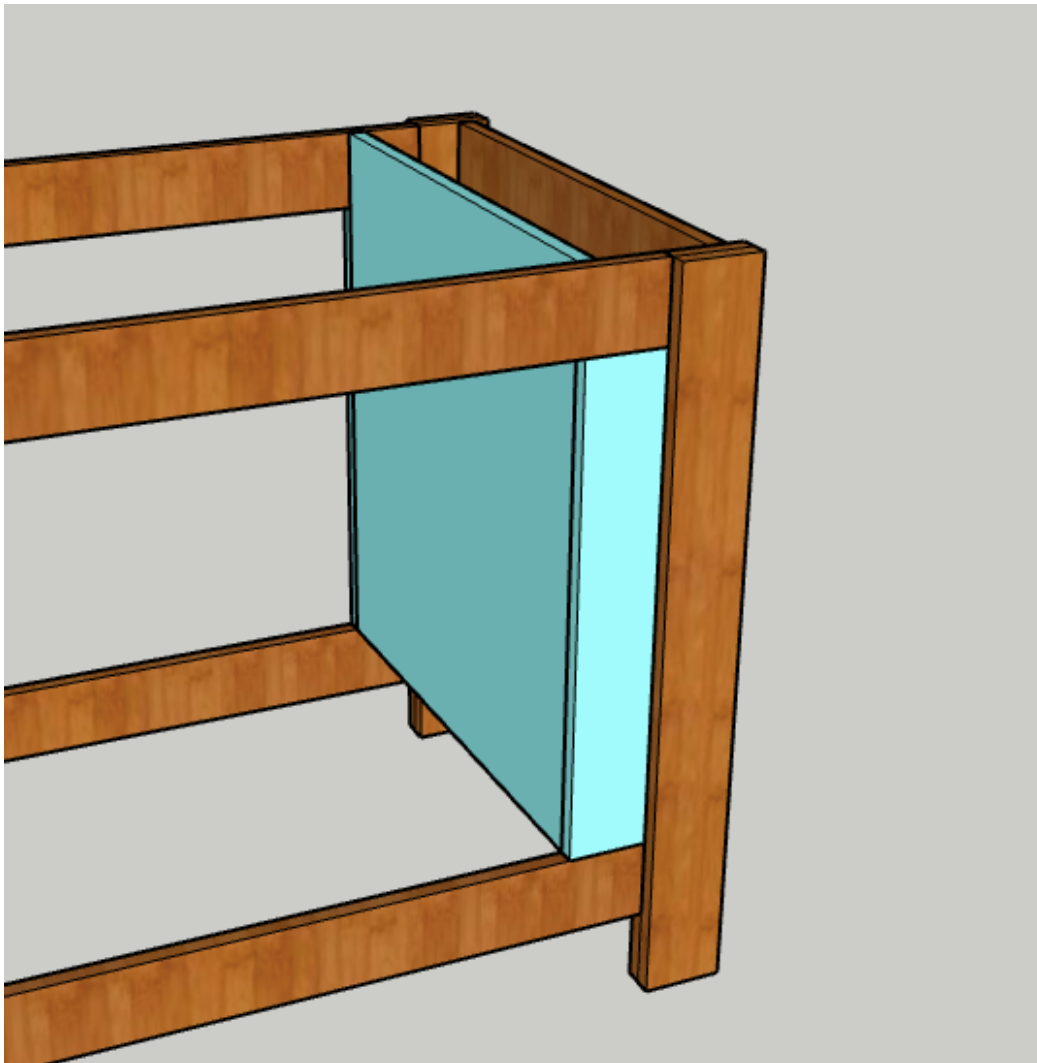
STEP THREE- CONNECT FRAMES

- Connect the front and back frames using the Short Stretchers.
- Drill two pocket holes in each end of the Short Stretchers.
- Attach the Short Stretchers to the front frame in the same locations on the Legs as the Long Stretchers. Attach 3/4" in from the outside edge of the Legs.
- Flip the back frame on top of the Short Stretchers and attach using pocket screws in the same locations.
- Drill two pocket holes in each end of the two Center Supports.
- Attach the Center Supports between the center of the front and back frames using pocket screws.



STEP FOUR- ATTACH SHELF SIDES AND BACK

- Drill two pocket holes in each end of the Shelf Sides.
- Drill three evenly spaced pocket holes along each of the 25 1/4" long sides of the Shelf Back and two pocket holes along one of the 23" long sides.
- Attach the Shelf Sides flush against the Legs in between the Long Stretchers on one side of the workbench using pocket screws.
- Attach the Shelf Back between the Shelf Sides flush along the back inside edge, using pocket screws.



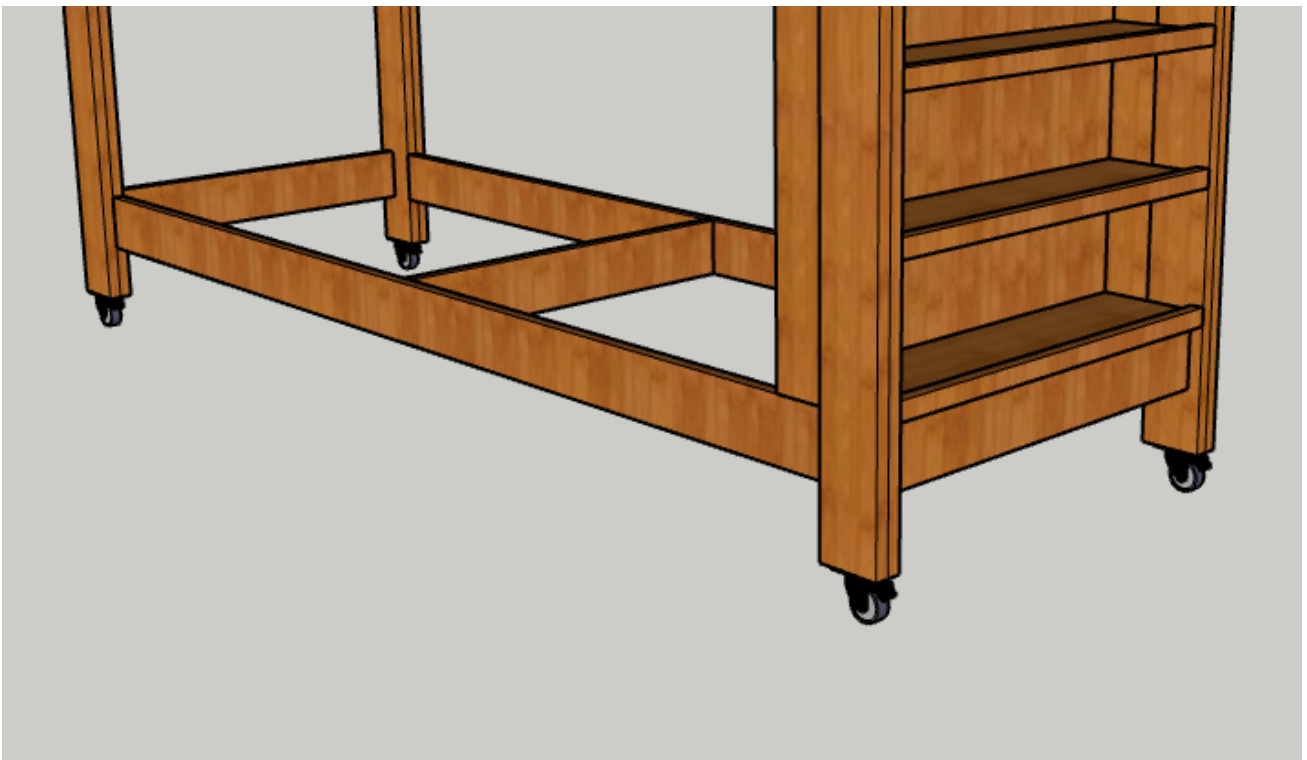
STEP FIVE- ATTACH SHELVES

- Drill two pocket holes in each end of the Shelves and two along one long edge..
- Attach the first Shelf to the Shelf Back and the Legs and Shelf Sides where the pocket holes align. Attach this Shelf flush on top of the bottom Side Stretcher.
- Attach the next two Shelves the same way, with 6" of space between them.
- Nail the Shelf Fronts to the front edge of each Shelf.



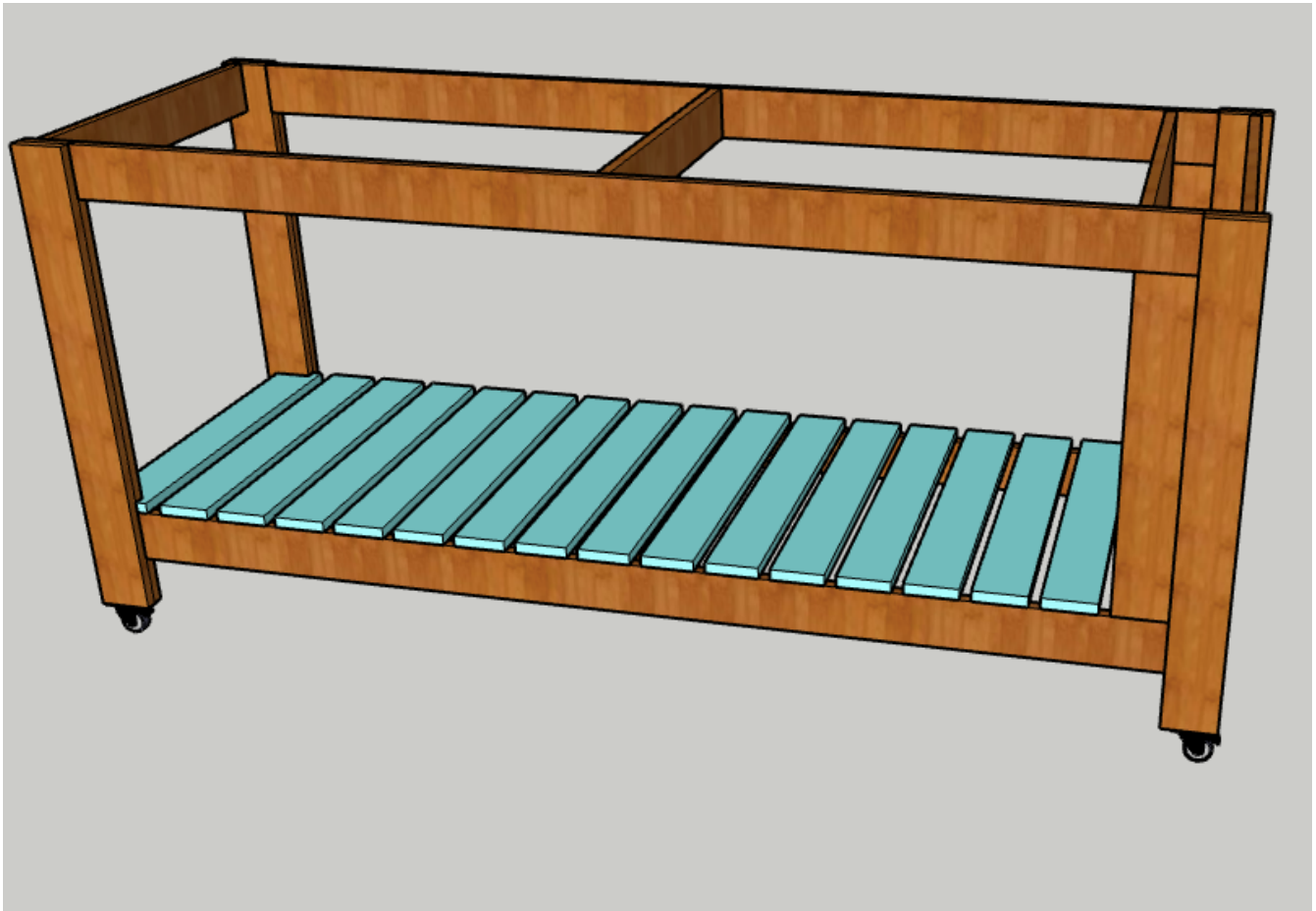
STEP SIX- ATTACH CASTERS

- Flip the workbench frame over and attach casters to the bottom of the Legs.



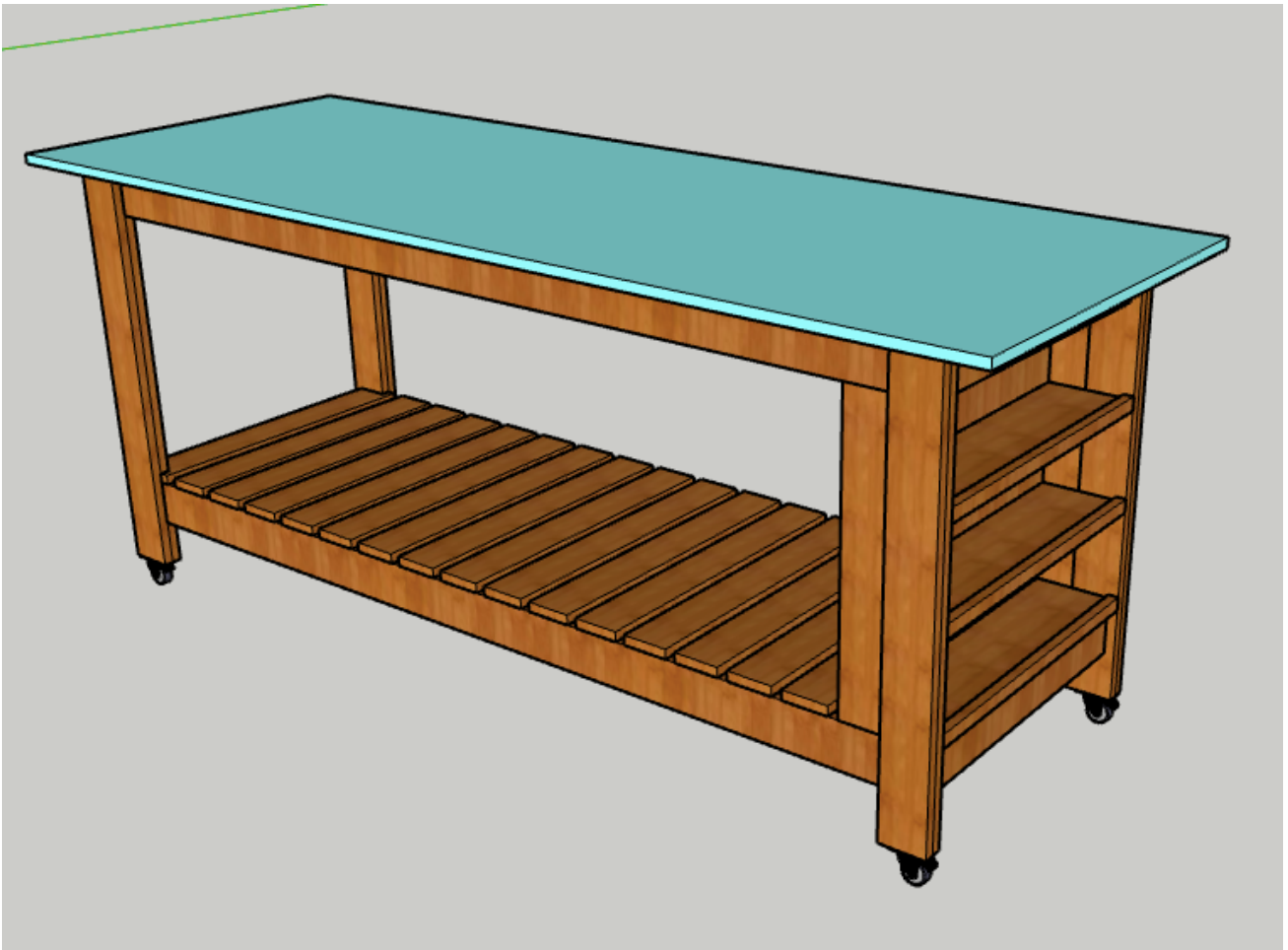
STEP SEVEN- ATTACH SLATS

- Attach the Slats to the Long Stretchers on the bottom of the workbench.
- Starting with a Slat $\frac{3}{4}$ " from the Shelf Back, nail the Slat into the Long Stretcher on both sides.
- Using a $\frac{3}{4}$ " spacer between each Slat, work your way down until you reach the last Slat.
- Use a jigsaw or scroll saw to cut out $2\frac{3}{4}$ " x $\frac{3}{4}$ " on each side of the last Slat.
- Attach this Slat so it fits around the Legs.



STEP EIGHT- ATTACH TOP

- Using the pocket holes in the Legs and the Shelf Back, attach the Top to the workbench base.
- The Top should hang off the Legs 4" on the sides and 2" on the front and back.



STEP NINE- ENJOY!

- Enjoy your handiwork and tag @CharlestonCrafted on Instagram with a picture!

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