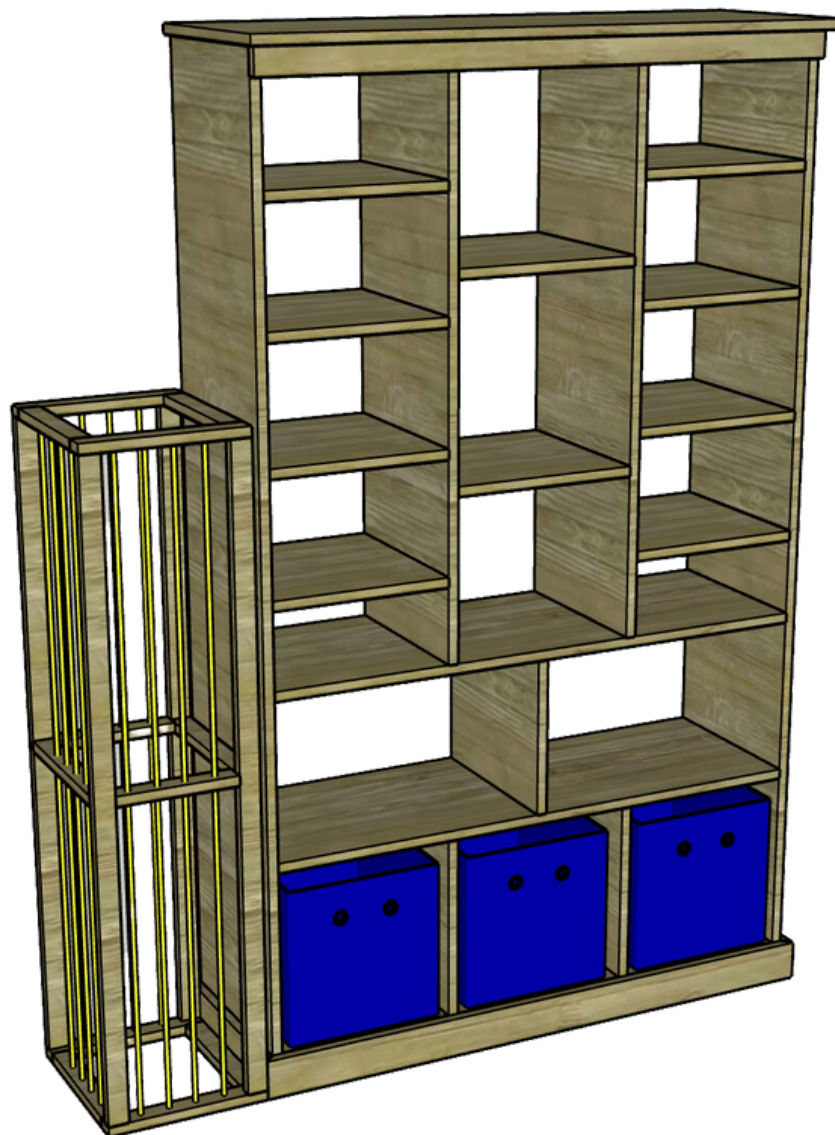


Charleston Crafted

BOOKCASE WITH TOY STORAGE AND ANIMAL ZOO



PLANS CREATED BY CHARLESTON CRAFTED

FOR MORE INFORMATION ON THIS PLAN VISIT:

WWW.CHARLESTONCRAFTED.COM

INTRODUCTION

This simple bookcase has space for cube storage and books, but also has display shelves for toys and LEGO builds. Add on the detachable stuffed animal zoo for your kid to enjoy!

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 www.charlestoncrafted.com

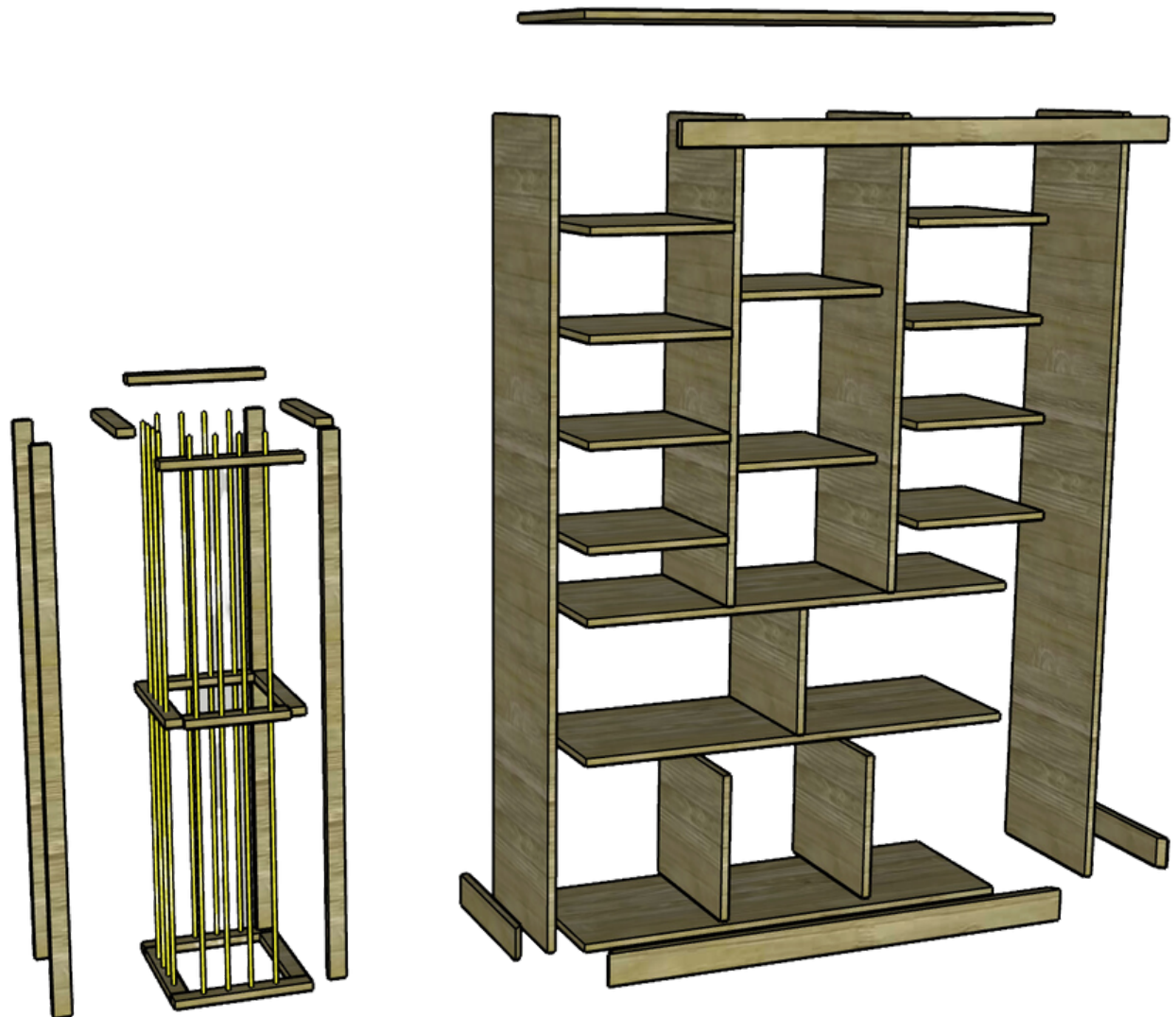
SUPPLY LIST

- (2) 4'x8' sheets of 3/4" plywood
- (1) 4'x8' sheet of 1/2" plywood
- Wood glue
- 1 1/4" nails
- 1 1/4" pocket hole screws
- Keyhole brackets
- Paint or stain
- Bungee cord

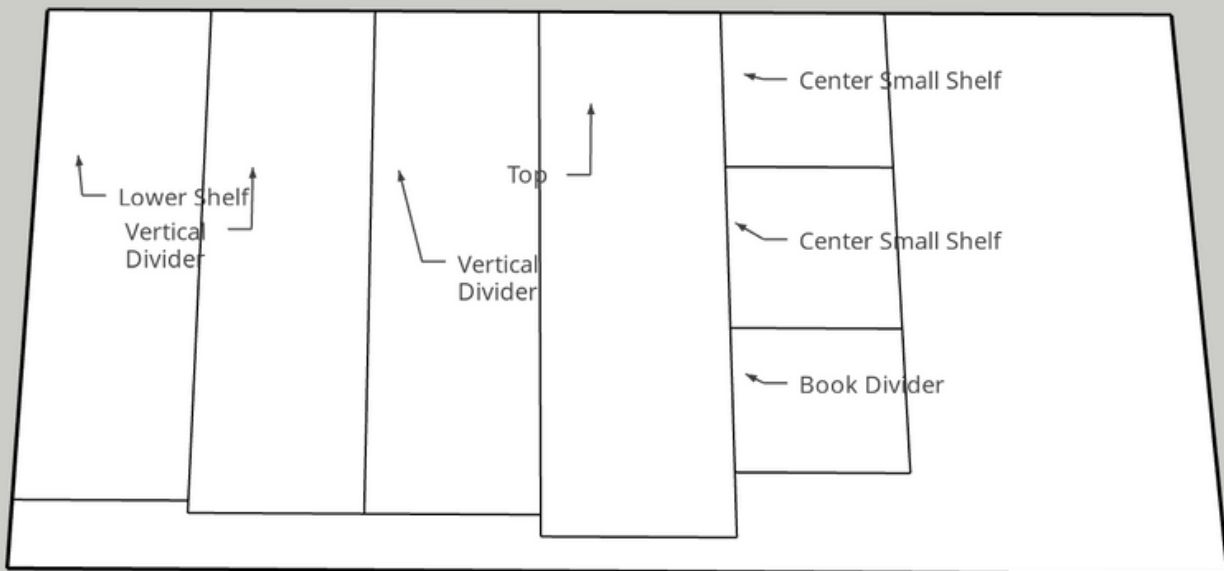
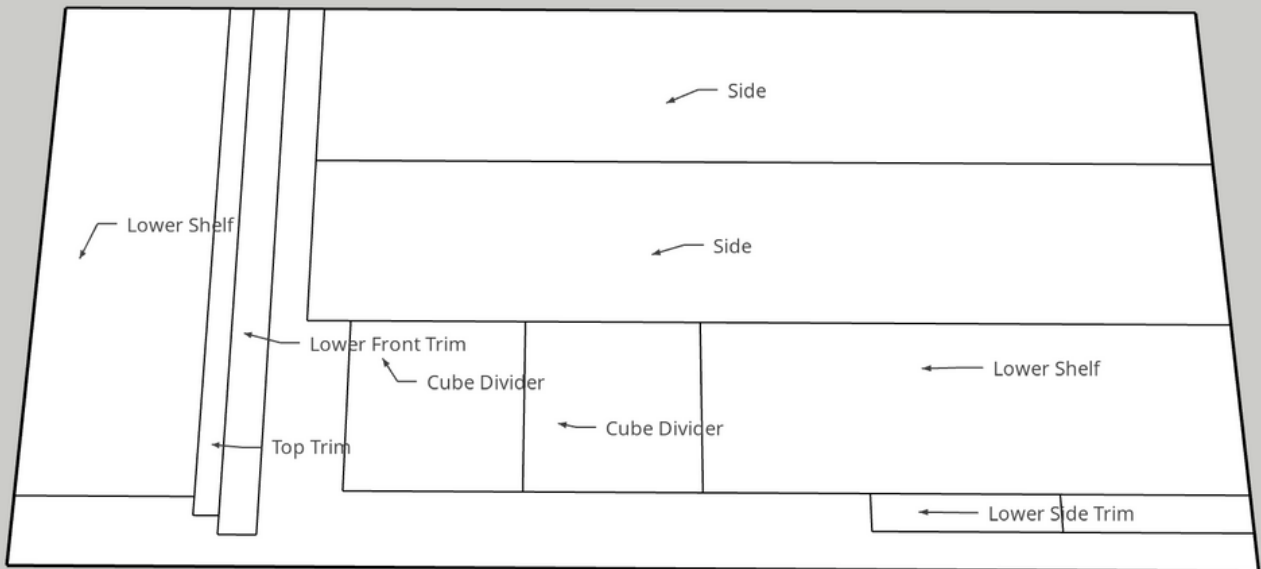
CUT LIST

- Bookcase
 - (2) Sides- 74" x 14" x 3/4"
 - Drill 3 pocket holes on one end
 - (3) Lower Shelves- 42 1/2" x 14" x 3/4"
 - Drill 3 pocket holes on each end
 - (2) Cube Dividers- 14" x 14" x 3/4"
 - Drill 2 pocket holes on 2 opposing sides
 - (1) Book Divider- 12" x 14" x 3/4"
 - Drill 2 pocket holes on each 14" side
 - (2) Vertical Dividers- 43 1/2" x 14" x 3/4"
 - Drill 3 pocket holes on each end
 - (2) Center Shelves- 14" x 14" x 3/4"
 - Drill 2 pocket holes on 2 opposing sides
 - (8) Toy Shelves- 13 1/2" x 14" x 1/2"
 - (1) Top- 45 1/4" x 15 1/2" x 3/4"
 - (1) Top Trim- 44" x 2" x 3/4"
 - (1) Base Front Trim- 45 1/2" x 3" x 3/4"
 - Cut opposing 45 degree bevels on short ends
 - (2) Base Side Trim- 14 3/4" x 3" x 3/4"
 - Cut a 45 degree bevel on one short end of each
- Animal Zoo
 - (4) Posts- 48" x 1 1/2" x 3/4"
 - Drill 2 pocket holes on each short end
 - (4) Top/Bottom Front/Back- 12" x 1 1/2" x 3/4"
 - (4) Top/Bottom Sides- 11" x 1 1/2" x 3/4"
 - Drill 2 pocket holes on each short end
 - (2) Middle Front/Back- 9" x 1 1/2" x 3/4"
 - Drill 2 pocket holes on each short end
 - (2) Middle Sides- 12 1/2" x 1 1/2" x 3/4"
 - Drill 2 pocket holes on each short end
 - (1) Spacer- 14" x 1 1/2" x 3/4"

EXPLODED VIEW

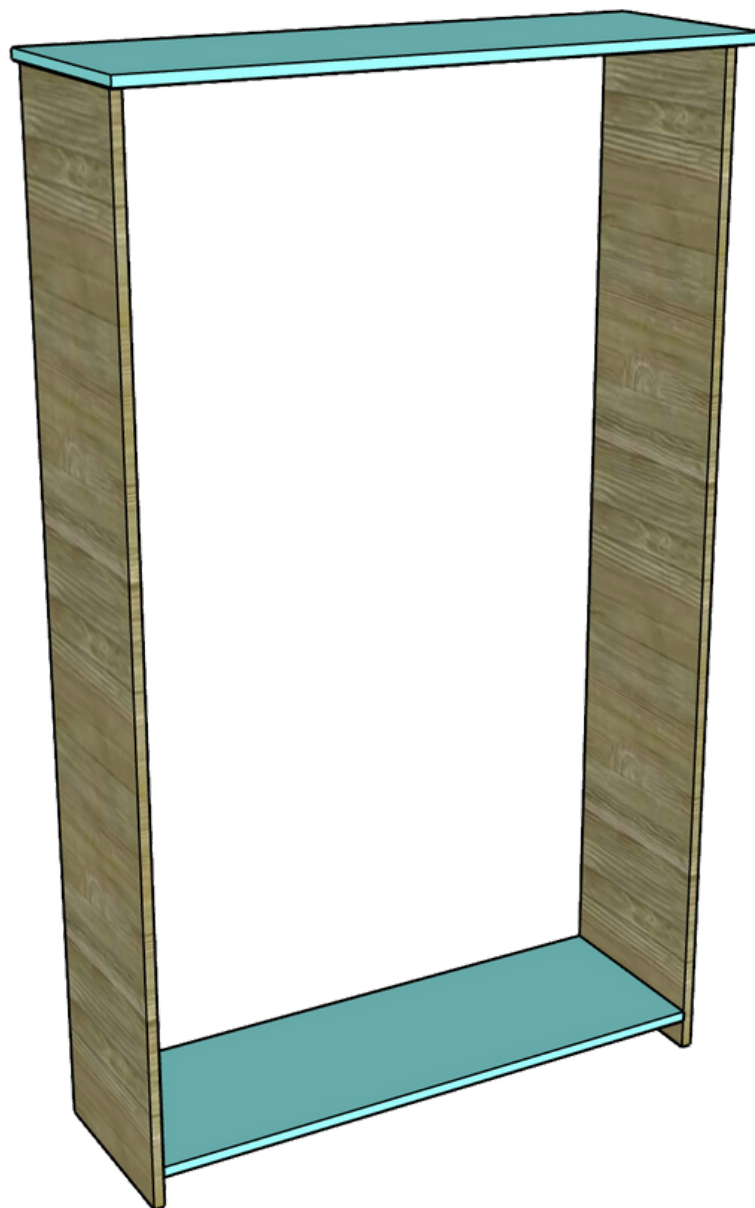


3/4" PLYWOOD CUTS



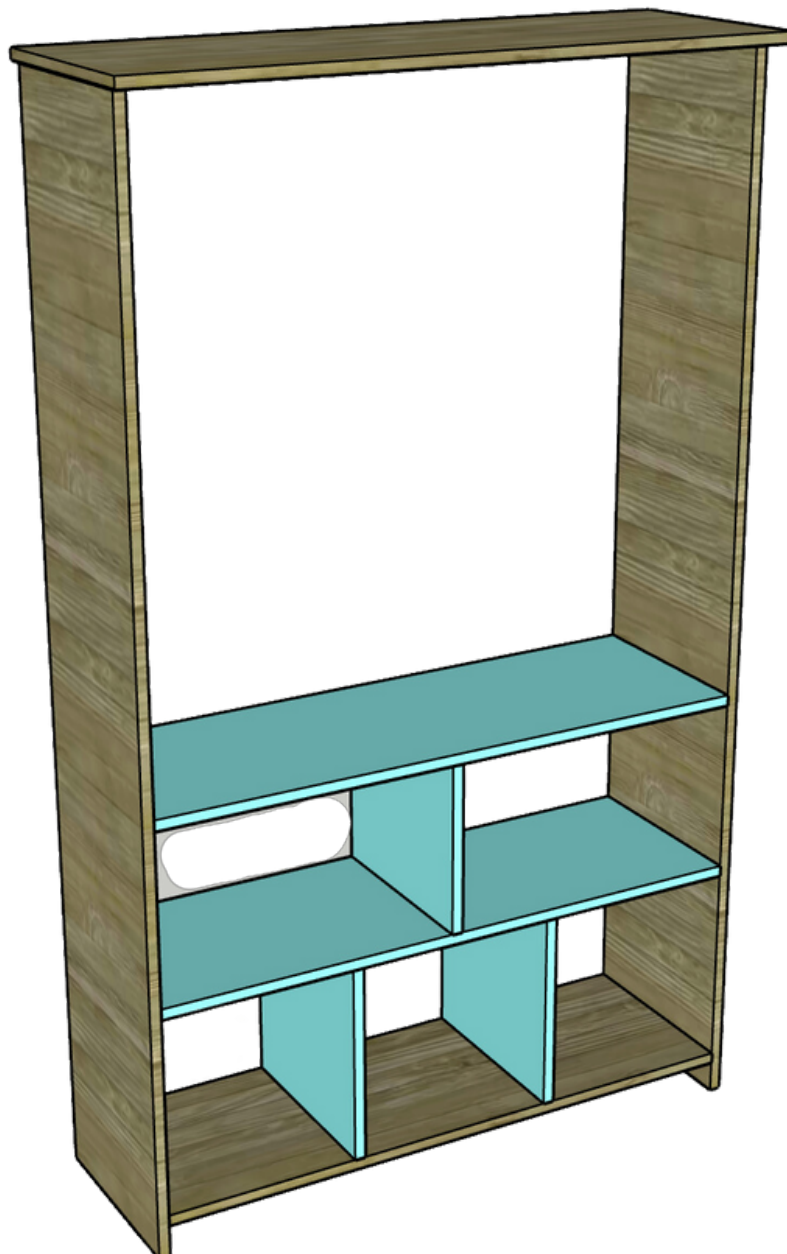
STEP ONE- BUILD FRAME

- Using wood glue and pocket hole screws, attach a Lower Shelf between the two Sides so that the top of the Lower Shelf is 3" up from the bottom.
- Using wood glue and pocket hole screws, attach the Sides to the Top.
 - The Top should be flush along the back with a 1/2" overhang on each side and a 1 1/2" overhang on the front.



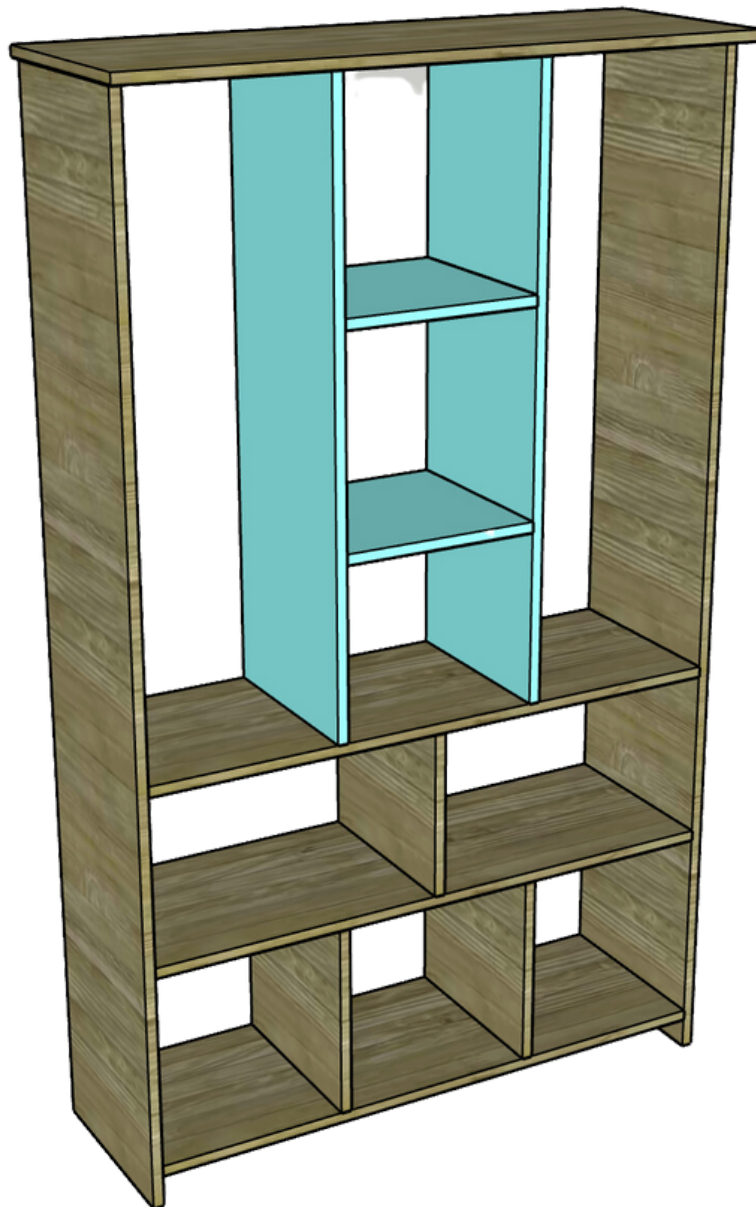
STEP TWO- ADD LOWER SHELVES

- Using wood glue and pocket hole screws, attach a Lower Shelf 14" up from the bottom one, using the Cube Dividers as spacers.
- Then, using wood glue and pocket hole screws, attach the Cube Dividers between the two shelves 13 1/2" from the Sides.
- Using wood glue and pocket hole screws, attach the final Lower Shelf 12" above the second one, using the Book Divider as a spacer.
- Then, Using wood glue and pocket hole screws, attach the Book Divider directly centered between the Sides.



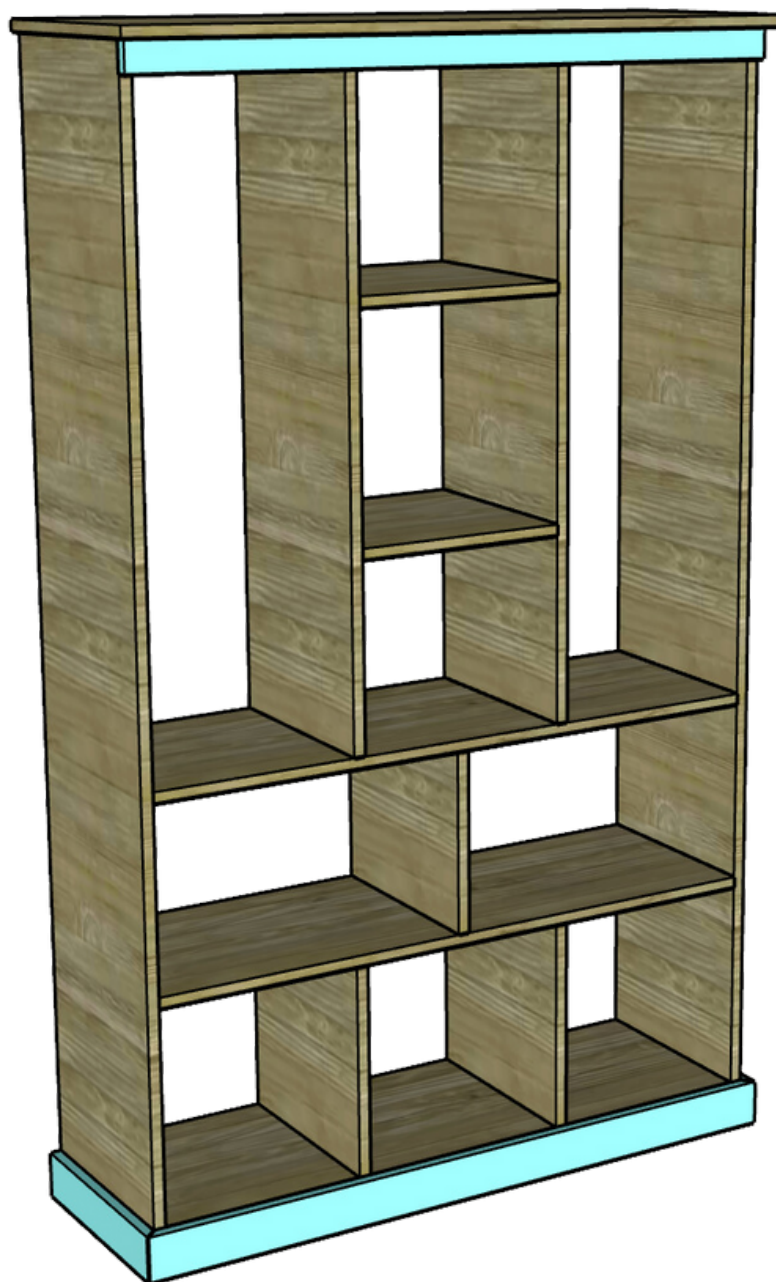
STEP THREE- ADD CENTER DIVIDERS

- Using wood glue and pocket hole screws, attach the Center Shelves between the Vertical Dividers so their tops are 13" and 28" from the bottom of the Vertical Dividers.
- Next, take this unit and attach it between the Top and the Lower Shelf and 13 1/2" from each Side, using wood glue and pocket hole screws.



STEP FOUR- ATTACH TRIM

- Using wood glue and nails, attach the Top Trim under the lip of the Top.
- Using wood glue and nails, attach the Lower Front Trim flush along the bottom and the top edge of the lowest Lower Shelf.
- Using wood glue and nails, attach the two Lower Side Trim pieces to the outside edge of the Sides, aligned with the Lower Front Trim.



STEP FIVE- DRILL SHELF PIN HOLES

- Using a Kreg Shelf Pin jig, drill shelf pin holes up and down both sides of the two long sections of the bookcase, following instructions on the jig.

STEP SIX- DRILL ANIMAL ZOO HOLES

- Align the Top/Bottom Front and Back with the Middle Front and Back and align the Top/Bottom Sides with the Middle Sides.
- Using a 3/8" drill bit, drill four evenly spaced holes across the center of the boards.

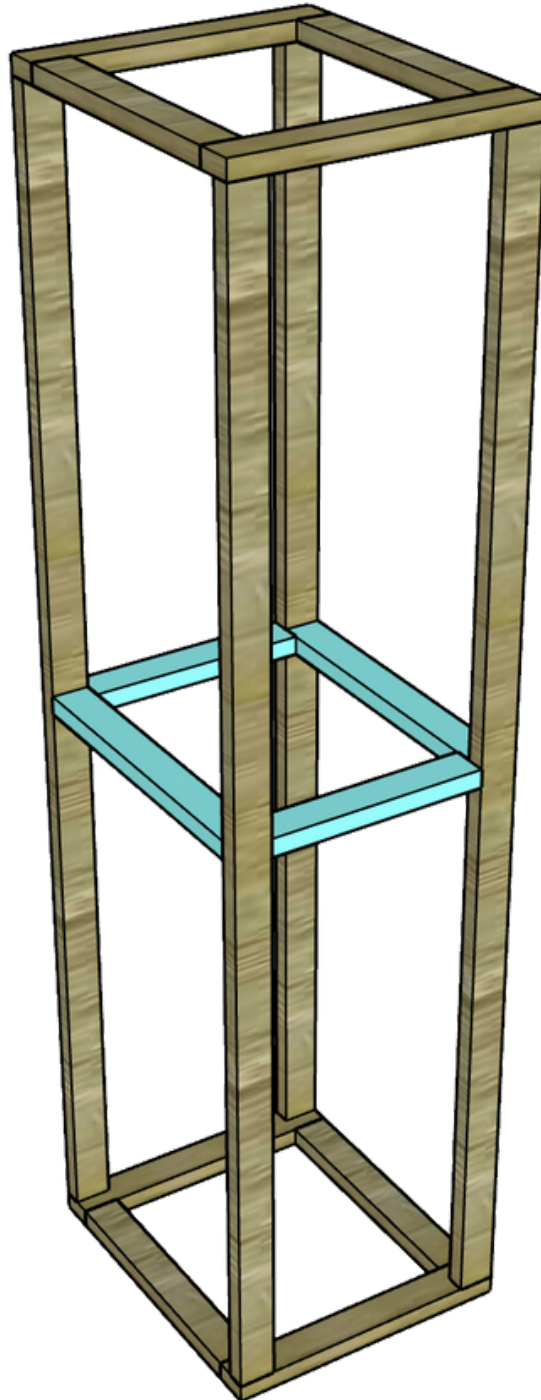
STEP SEVEN- ASSEMBLE ANIMAL ZOO FRAME

- Using wood glue and pocket hole screws, attach the Top/Bottom Sides to the Top/Bottom Front/Back and repeat for a second square.
- Using wood glue and pocket hole screws, attach the four Posts in the corners of the bottom square, then attach the top square on the other end the same way.
- Finally, use wood glue and nails to attach the Spacer flush with the top on the side with no holes drilled.



STEP EIGHT- ATTACH CENTER SUPPORTS

- Using wood glue and pocket hole screws, attach the Middle Sides between the posts in their center.
- Using wood glue and pocket hole screws, attach the Middle Front and Back to the posts and Sides.

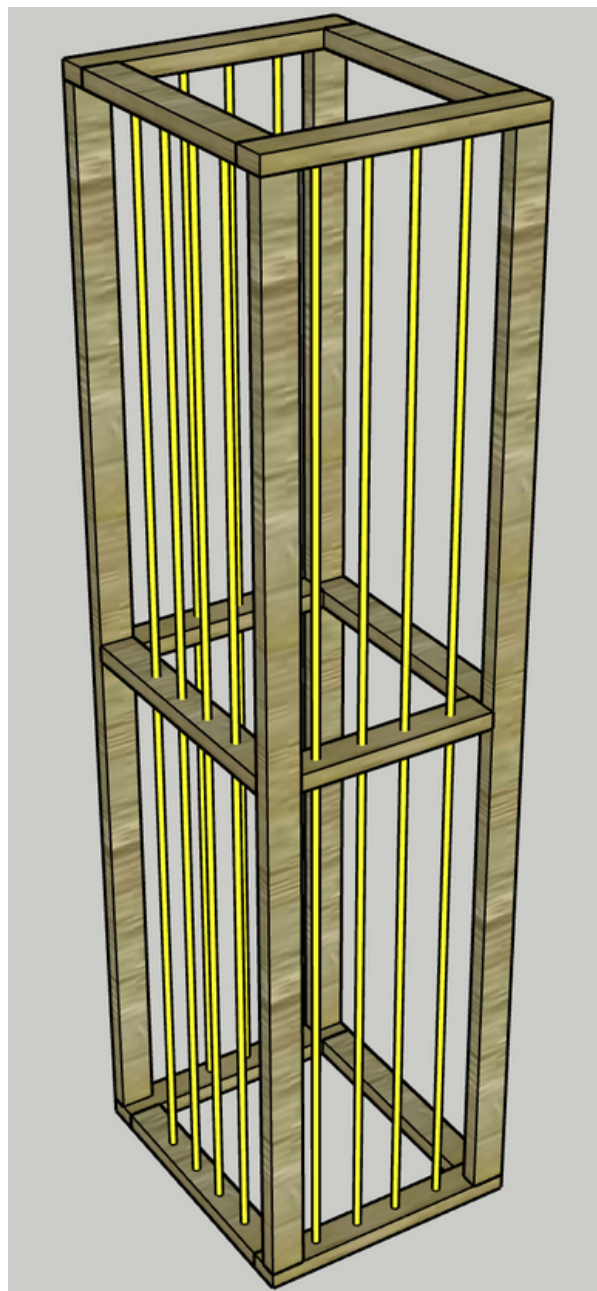


STEP NINE- PAINT OR STAIN

- Now fully assembled, take this opportunity to paint or stain your pieces as you'd like.

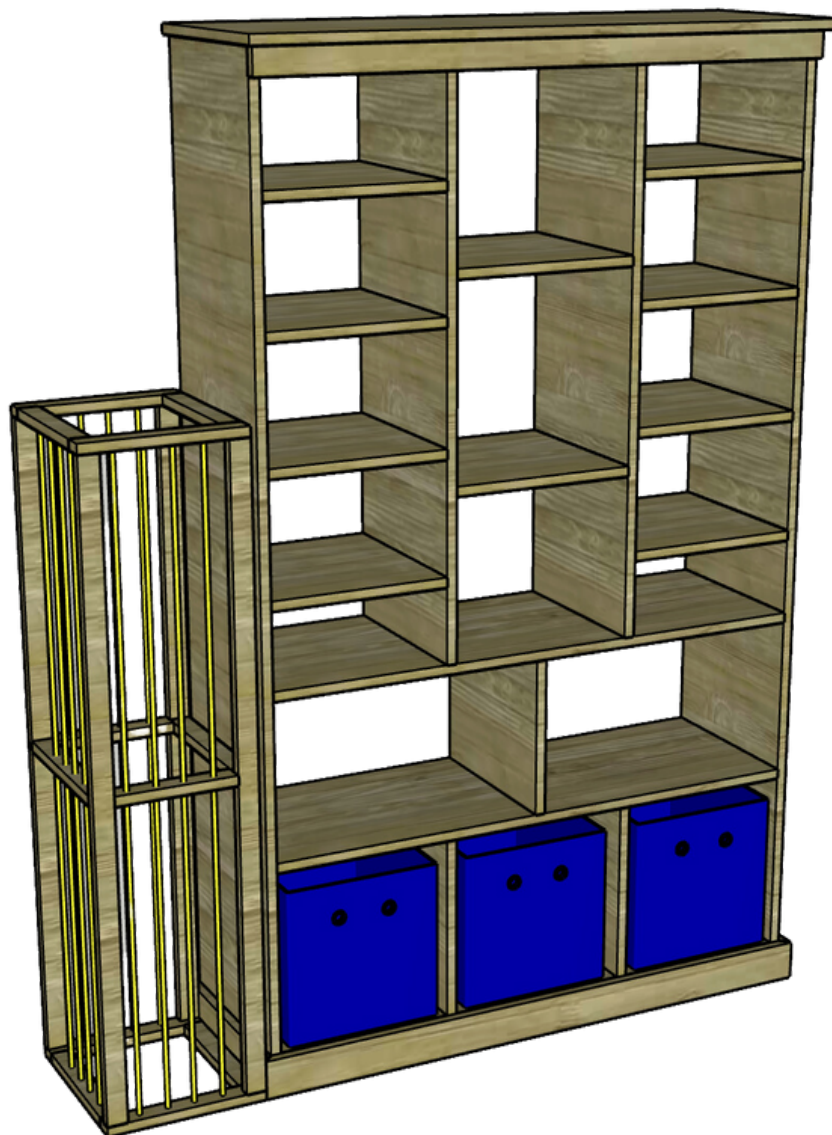
STEP 10- ANIMAL ZOO HARDWARE

- String up the bungee cord through the holes. Start at the bottom corner hole on one side and go up and down the holes on that side, ending on the opposite bottom corner. Tie off a knot, then pull the bungee very tight through the whole thing and tie it off at the starting hole. Repeat for the other two bungee sides.
- Next, attach keyhole brackets to the Spacer and bottom of the Posts on the same side. Align and drill screws into the side of the bookcase and hang the zoo on the bookcase.



STEP 11- ACCESSORIZE

- Add cube storage, books, toys or whatever you want to the bookcase!
- Slide in Kreg Shelf Pins at the appropriate heights for where you want your remaining shelves.
- Fill the animal zoo from the top with all your kid's stuffed animals and pull them through the bungees when you need them!



FINAL STEP- ENJOY!

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

Charleston
Crafted

These plans are for personal use only and are meant to serve as a guide to build. Sean and Morgan McBride and The Charleston Crafted Blog LLC do not assume any responsibility or liability arising from the misuse of these plans or injuries that occur during the construction or use of your product.