

# ROUGH CEDAR CHEST

Free Plans



## Materials & Tools

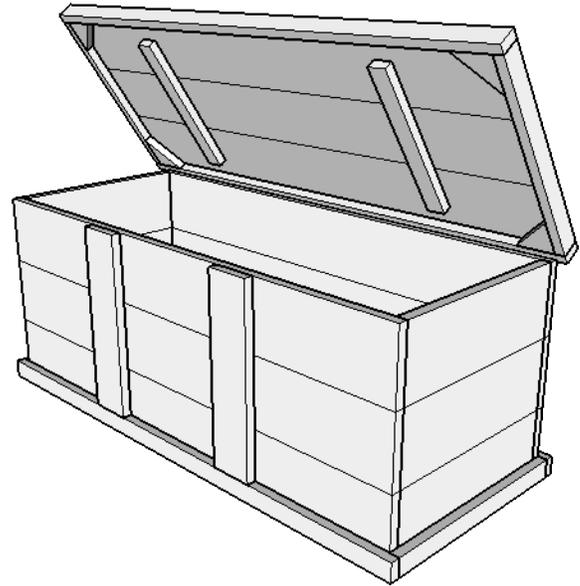
### MATERIALS:

### TOOLS:

- Tape Measure
- Square
- Pencil
- Safety Glasses
- Hearing Protection
- Kreg Jig
- Nailer
- Drill
- Miter Saw
- Circular Saw
- Sander

### CUTS:

- 6 | 1 x 6 @ 42" (front & back)
- 6 | 1 x 6 @ 15 1/2" (ends)
- 2 | 1 x 2 @ 43 1/2" (front & back trim)
- 2 | 1 x 2 @ 17" (end trim)
- 2 | 1 x 4 @ 15" (front upright trim)
- 2 | 1 x 4 @ 15 1/2" (base supports)
- 2 | 1/2" Square Dowel @ 15 1/2" (base supports)
- 1 | Hardboard @ 40 3/8" x 15 1/2" (base)
- 3 | 1 x 6 @ 43" (lid)
- 2 | 1 x 2 @ 44 1/2" (lid trim)
- 2 | 1 x 2 @ 16 1/2" (lid trim)
- 2 | 1 x 2 @ 13" (lid supports)
- 4 | Spare corners (lid supports)



### GENERAL INSTRUCTIONS:

Please read through the entire plan and comments before beginning this project. Take all necessary precautions to build safely and smartly. Work on a clean level surface, free of imperfections or debris. Always use straight boards. Check for square after each step. Pre-drill holes before attaching with screws. Wipe excess wood glue off bare wood for stained projects, as dried glue will not stain.

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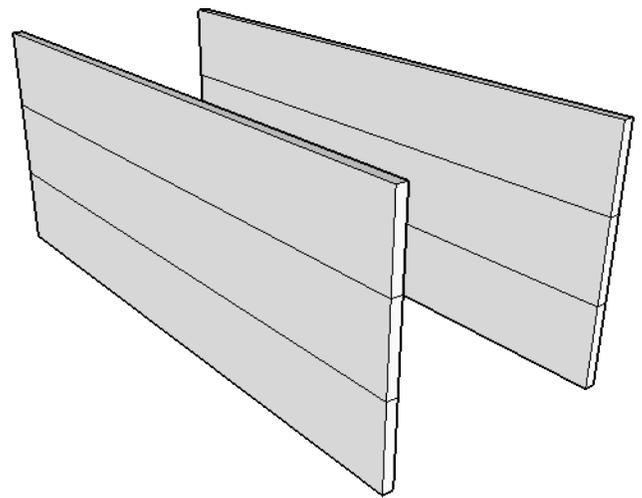
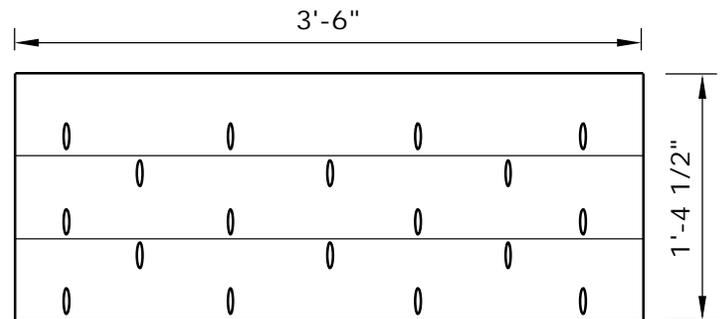
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## STEP #1.

Start by building the front and back of the chest. Attach boards to each other with 1-1/4" pocket hole screws and wood glue. Stagger the pocket holes as shown on the diagram.

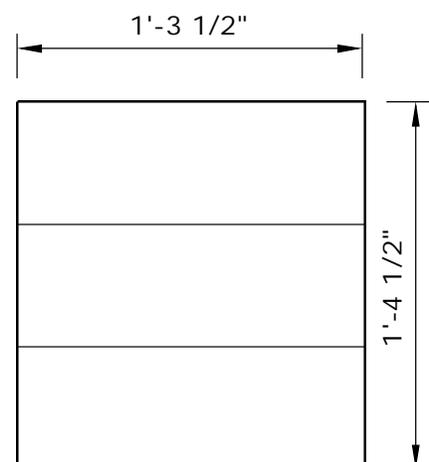
You should have two sides once you are finished.



## STEP #2.

Build the ends of the chest. Attach boards to each other with 1-1/4" pocket hole screws and wood glue. Stagger the pocket holes the same as for the front and back of the chest (Step #1).

You should have two of the same ends once you are finished.



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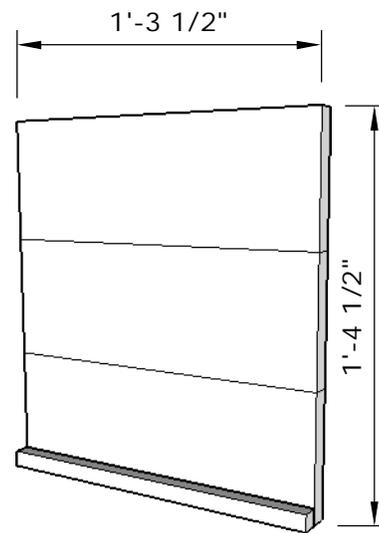


## STEP #3.

Add a square dowel to the ends of the chest. Position the dowel flush with the bottom of the ends.

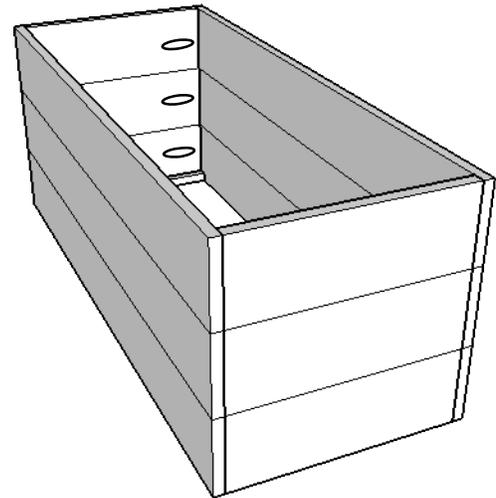
Attach with wood glue and finish nails.

The dowel will provide a support to set the base of the chest on.



## STEP #4.

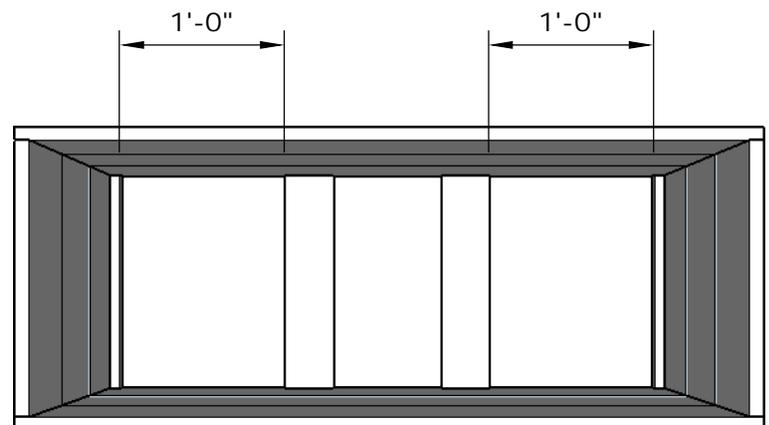
Attach the front, back, and sides of the chest. Attach the ends to the front and back pieces with 1-1/4" pocket hole screws and wood glue.



## STEP #5.

Add base supports along the bottom of the chest to support the hardboard base.

Place two 1 x 4s flush with the bottom of the chest and attach with 1-1/4" pocket hole screws and wood glue.



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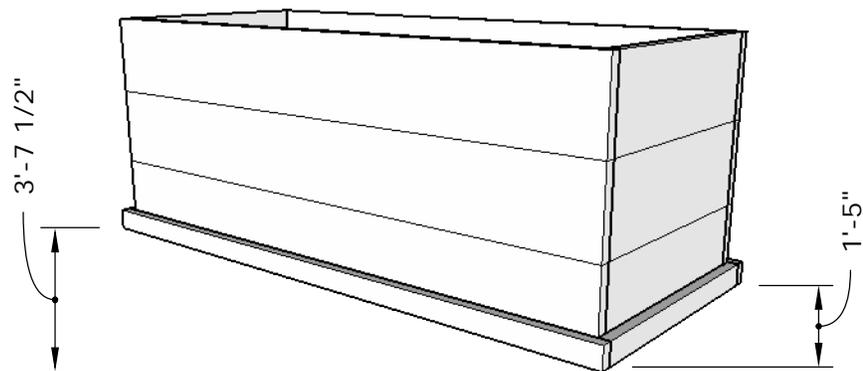
## STEP #6

Insert the hardboard base into the chest. Use wood glue to attach it to the dowels and center braces along the bottom of the chest.



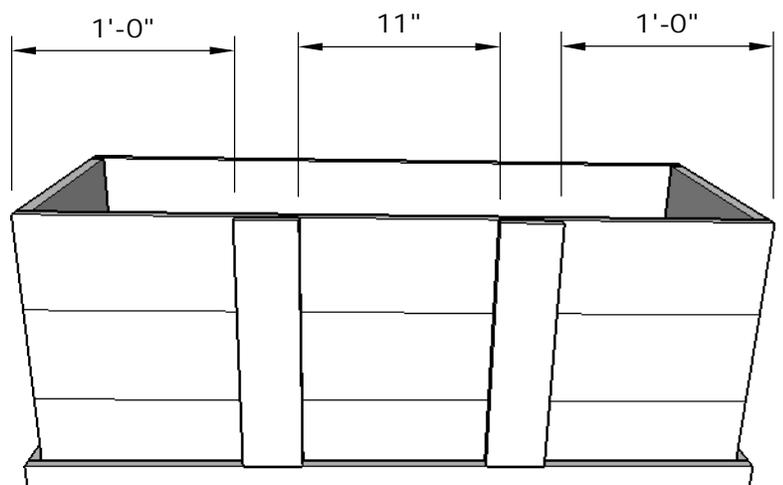
## STEP #7

Attach base trim to the bottom of the chest with wood glue and finish nails.



## Step #8

Attach front upright trim to the chest with wood glue and finish nails.



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## CHEST LID

Attach the 1 x 6 boards using two 1 x 2s.

Begin by attaching the 1 x 2s to the first lid board with 1 1/4" self-tapping wood screws.

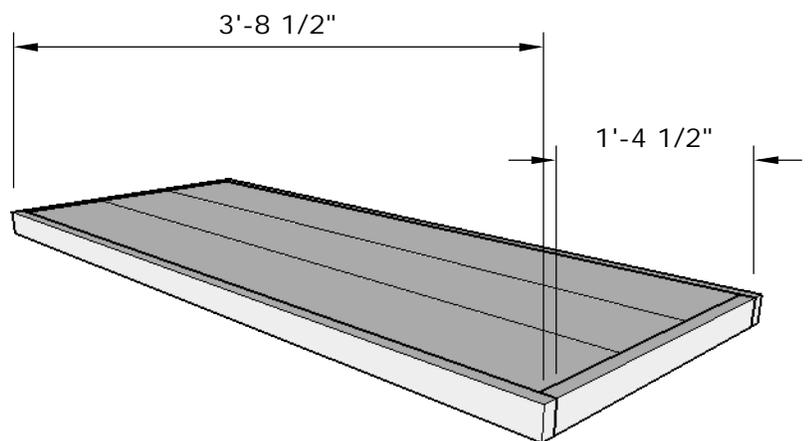
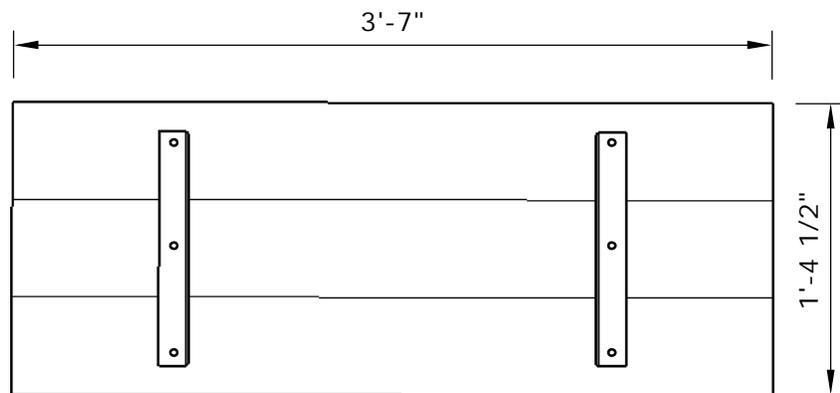
Apply wood glue to the exposed edge, position the second lid board and attach the 1 x 2s to the second board.

Repeat for the third lid board.

Attach trim to the lid with wood glue and finish nails. Position trim so that it is flush with the top of the lid.

Finish the lid by adding extra support pieces in the corners.

I used some spare boards that were lying around, cut them off at 45° perpendicular miters, and attached them in the corners with wood glue and finish nails.



## HARDWARE

Finish the chest off with hardware of your choice.

