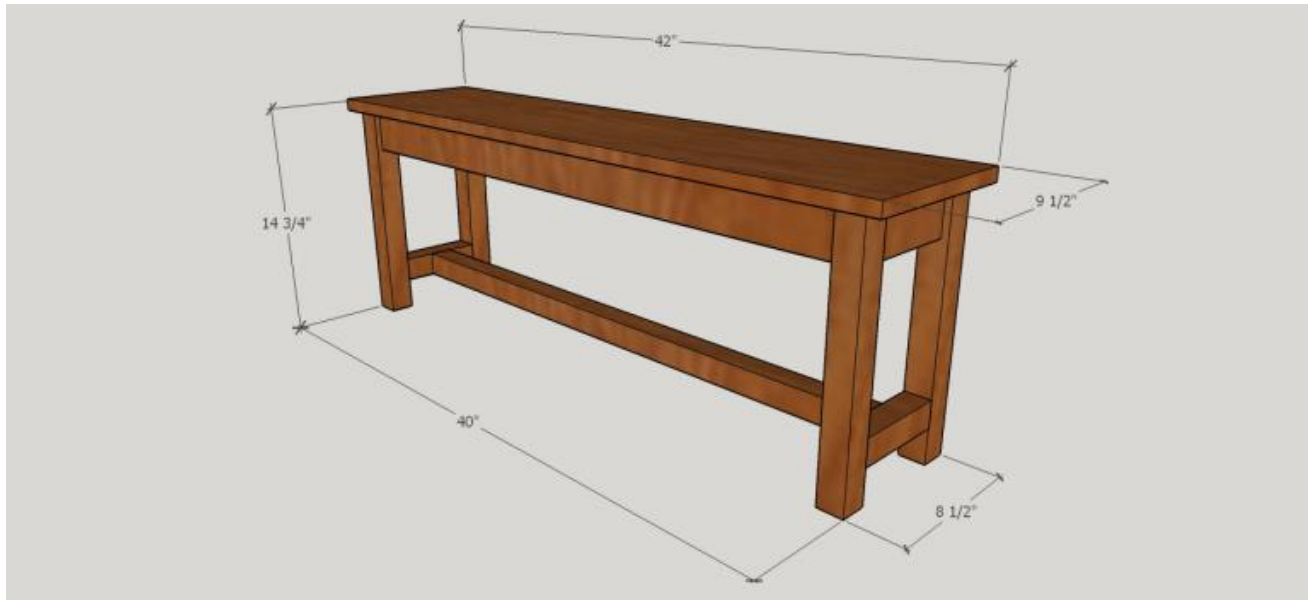




*Build a kids bench for under \$15.00*



## THE PLANS:



### Materials (enough to build 1 bench):

- (2) 2x2x8
- (1) 1x3x8
- (1) 1x10x4
- 2" pocket hole screws
- 1 1/2" pocket hole screws
- wood glue
- sandpaper
- finishing supplies (stain, paint, etc.)

### Tools needed:

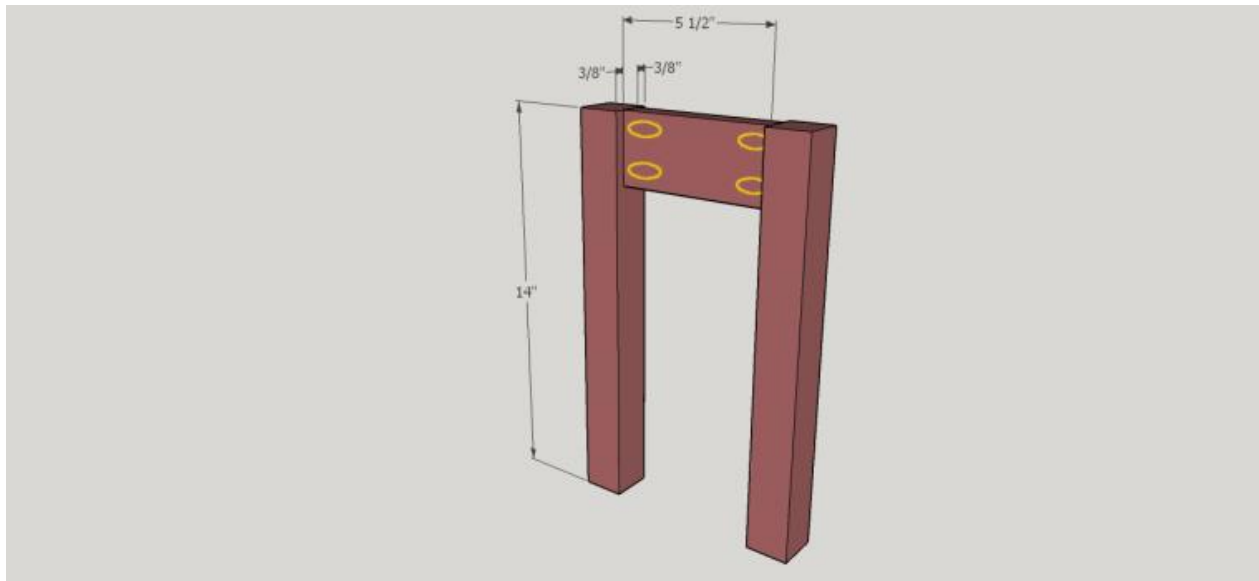
- Power Drill
- Miter saw
- clamps
- square
- measuring tape
- pencil
- safety gear (hearing protection, safety glasses, etc.)

## Cut List:

- 2- 2x2 @ 5 1/2" (side Stretchers)
- 4- 2x2 @ 14" (legs)
- 1- 2x2 @ 37" (middle stretcher)
- 2- 1x3 @ 37" (side aprons)
- 2- 1x3 @ 5 1/2" (end aprons)
- 1- 1x10 @ 42" (bench seat)

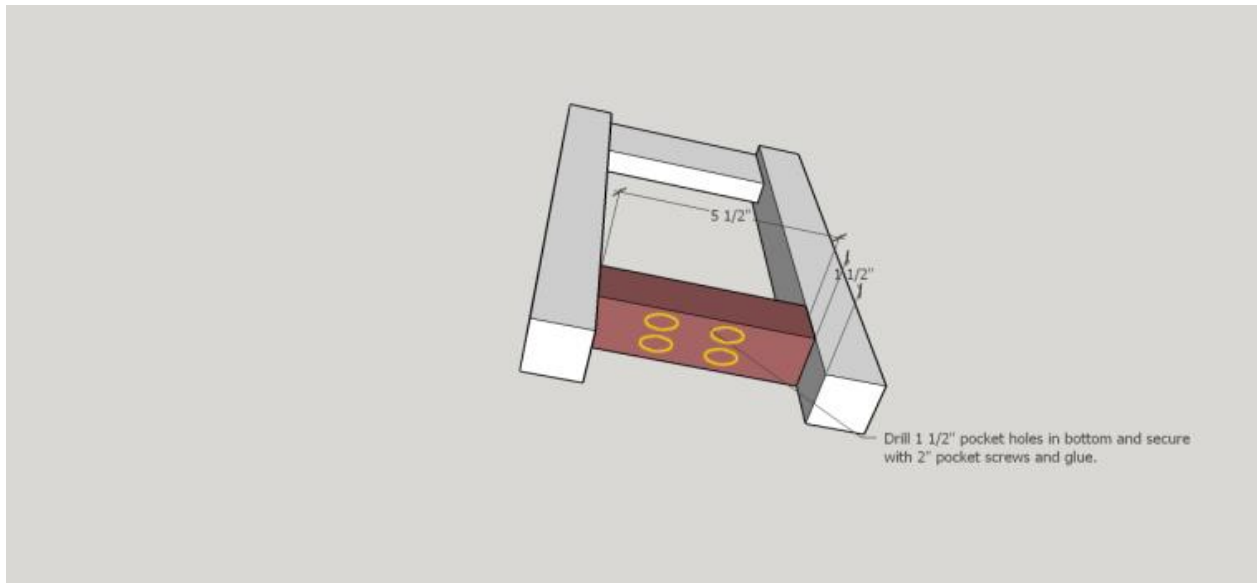
## The Project:

### STEP 1:



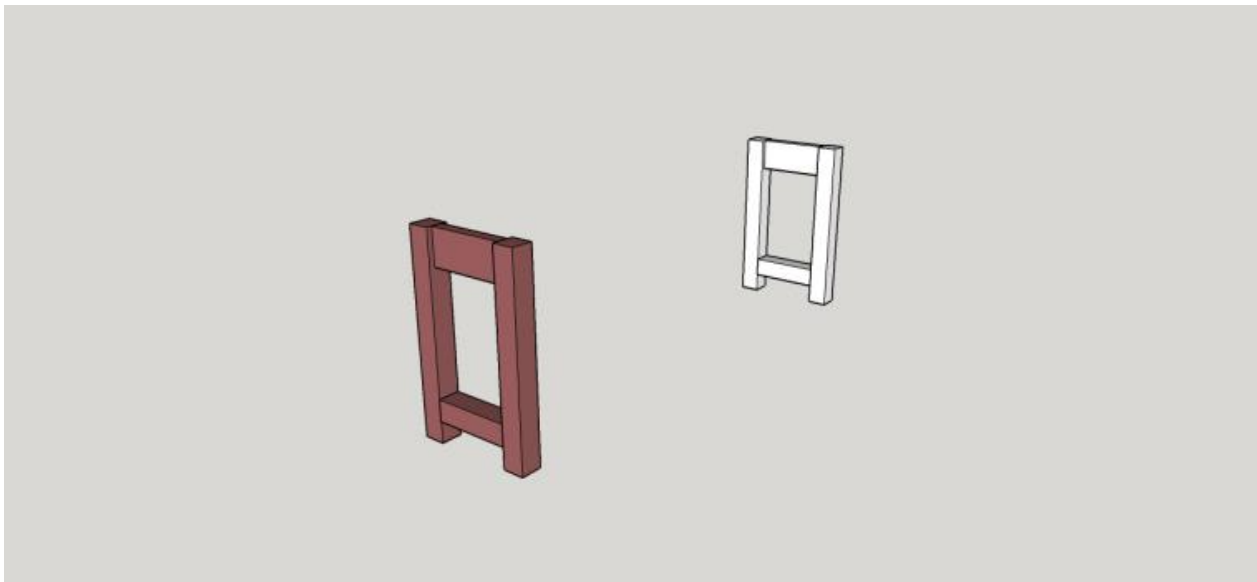
Cut 2 legs from 2x2 stock @ 14". Also cut the end apron from 1x3" stock @ 5 1/2". Drill 3/4" pocket holes in one side of apron on each end (yellow). Space apron in on the legs by 3/8" and then glue and pocket screw the apron to the legs with 1 1/2" screws. Check for square.

## STEP 2:



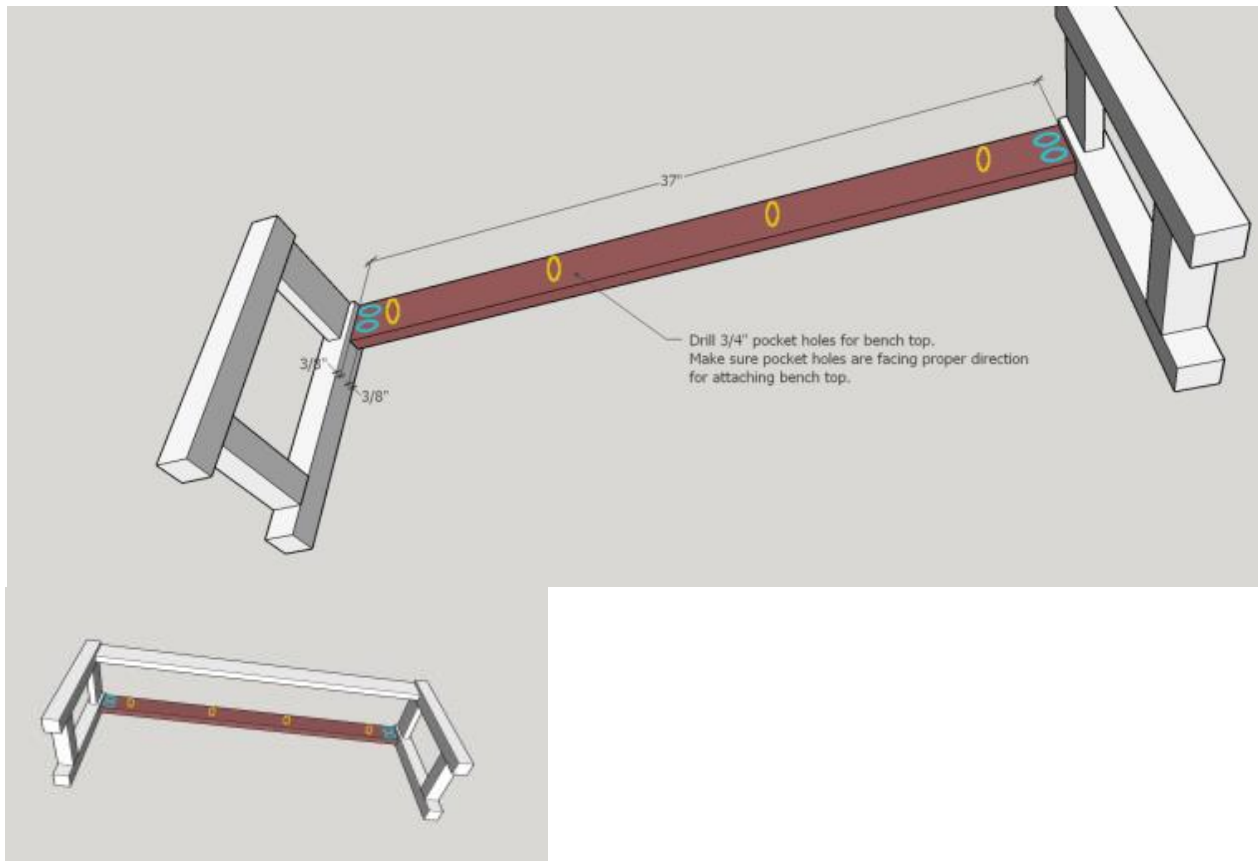
Cut the end stretcher from 2x2 stock @ 5 1/2". On one side, drill 1 1/2" pocket holes on both ends. Pocket holes may meet close to the center of the board. Attach 1 1/2" from bottom of legs with 2" pocket screws and glue. Be sure pocket holes face bottom. This angle can be tricky due to the overall length (or shortness) of the stretcher.

## STEP 3:



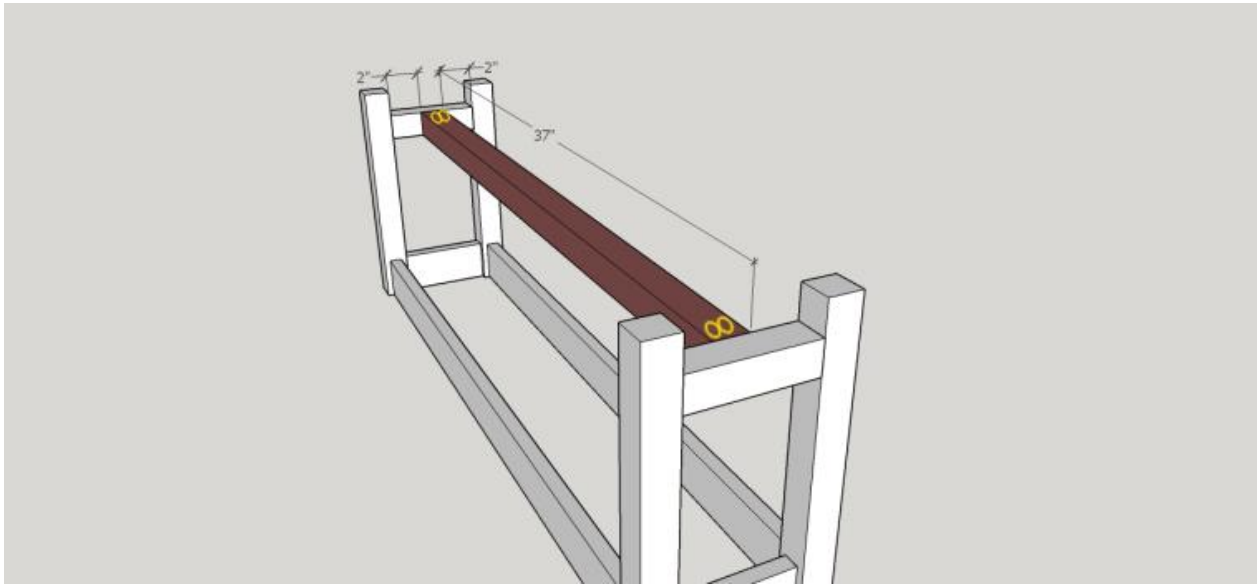
Make second set of legs by repeating step 1.

## STEP 4:



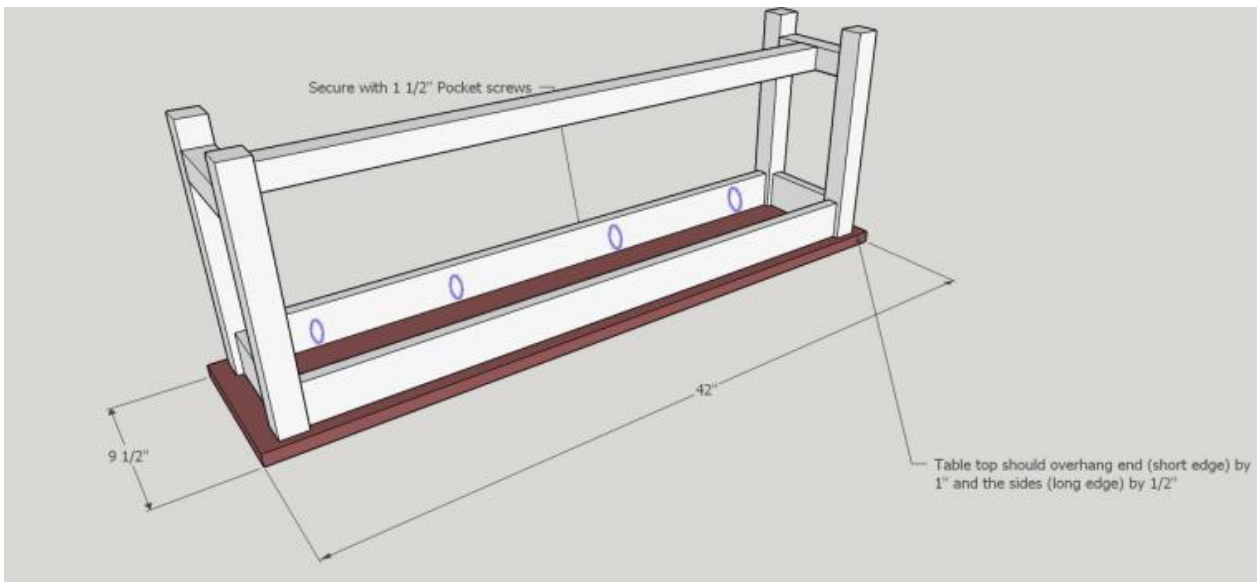
Cut two side aprons from 1x3" stock @ 37" long. On one side of the apron, drill 3/4" pocket holes on both ends (blue) and four vertical pocket holes along the long edge (yellow). Align aprons with the legs, spaced in about 3/8". Be sure the pocket holes on leg aprons all face in. Glue and pocket screw top aprons to the legs with 2" screws. Check for square.

## STEP 5:



Cut bottom center stretcher from 2x2" stock. Measure to fit, should be approximately 37" long. On one side, drill 1 1/2" pocket holes on each end. Center the stretcher on the end stretchers (should be 2" in on each side from the inside of the leg) with pocket holes facing the ground to hide. Glue and pocket screw with 2" pocket screws.

## STEP 6:



Cut bench seat from 1x10" stock @ 42". Seat should over hand ends by 1" and the sides (long edge) by 1/2". Pocket screw with 1 1/2" pocket screws. Glue is optional. I didn't glue the top to allow for expansion of seat in different climates.

## **FINISHING STEPS:**

All that's left at this point is to fill the holes with wood filler (if desired) and sand the project. Be sure to vacuum the sawdust off the project, and wipe down with soft, damp cloth. Add stain, paint or both depending on your desired look. Don't forget to protect your project with a few coats of polyurethane.