

Material List

- 2 2" x 4" x 12' Treated Lumber
- 1 2" x 4" x 10' Treated Lumber
- 1 lb 2 1/2" Exterior Screws Rated for Treated Lumber

Step 1 - Cut Lumber

Cut all of the pieces for the bench as shown in the illustration on the last page of this document.

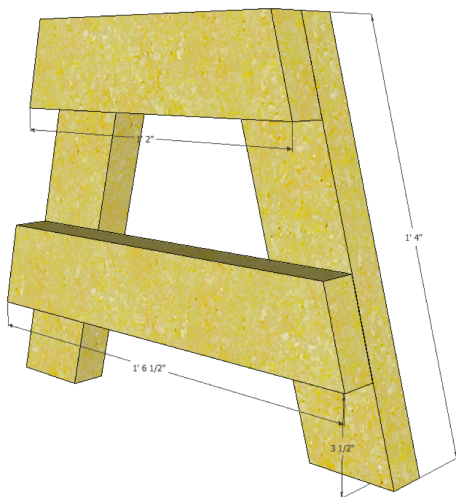
Step 2 - Construct the Legs

Attach one of the 1'2" pieces to two of the 1'4" pieces so that the 1'2" piece is flush with the top and sides of the 1'4" legs as shown below. Then attach one of the 1'6 1/2" pieces 3 1/2" from the bottom of the legs.

Note: You can use one of the other 2" x 4" pieces to achieve this spacing since they are actually 3 1/2" wide not 4".

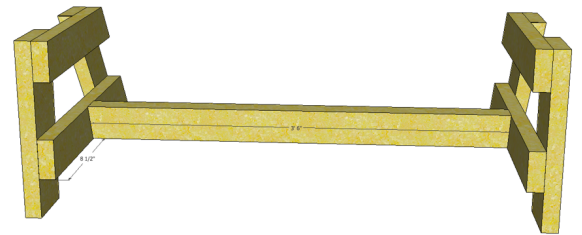
Repeat this to create the other leg.

Note: Use two screws at each junction. If just one is used at each junction it won't be secure.



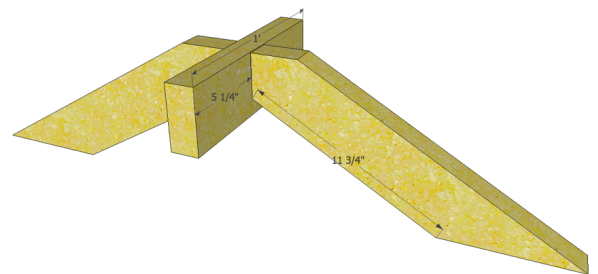
Step 3 - Create the Base

Attach the 3'6" piece to the lower horizontal piece of each leg. Center the board by placing it 8 1/2" from the bottom edge of the lower horizontal piece of each leg. Screw from the outside of the leg into the end of the 3'6" board, using two screws on each end of the 3'6" board, to secure it.

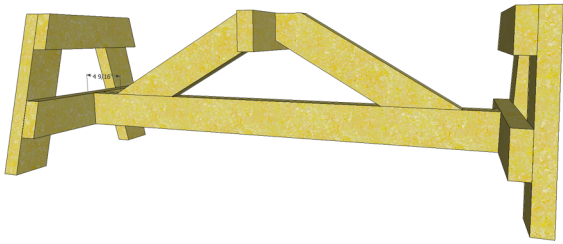


Step 4 - Create and Attach Center Seat Support

Attach the two support pieces that were cut at 30 degree angles to the center of either side of the 1' piece as illustrated below.



Then attach the center support to the base you completed in step 3. Screw the legs of the center seat support to the top of the 3'6" piece, making sure to center the seat support as illustrated below (there should be about 4 9/16" on each side).

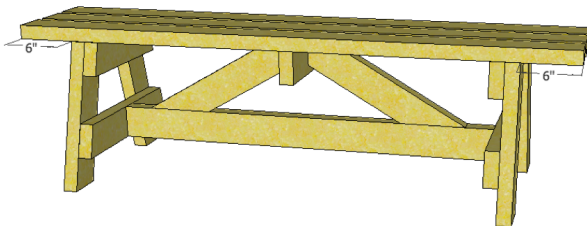


Step 5 - Attach the Seat

Attach the three 5' boards to the top of the frame you have built so that they are spaced equally front to back (there should be approximately $\frac{3}{4}$ " between each board) and left to right (there should be a 6" overhang on each side).

The easiest way to do this is to attach the front and back board first then equally space the center board between them.

When attaching the boards use two screws at each juncture for stability.



Now your bench is complete!

