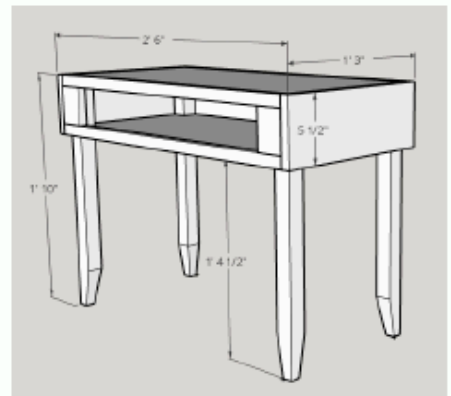




EASY DIY KIDS DESK PLANS 8/18/20



PLANS, SHOPPING LIST, & MATERIALS USED

THIS IS NOT A STAND-ALONE GUIDE, IT IS MEANT TO COMPLIMENT THE VIDEO. MODIFY AS DESIRED, CREATIVITY IS WELCOMED AND ENCOURAGED. PLEASE KINDLY SEND PICTURES OF YOUR PROJECTS TO MAKING MAKERS ON FACEBOOK OR EMAIL MAKINGMAKERSDIY@GMAIL.COM

VIDEO CAN BE FOUND ON MY YOUTUBE CHANNEL

WWW.YOUTUBE.COM/C/MAKINGMAKERS

School starts soon and school desks are selling out everywhere as parents prepare to homeschool. Why not save money and make your own! Here is an easy to follow DIY video I made while making my child's desk. Pair with the free plans from my website <https://www.making-makers.com> and after watching you should be able to make this simple but modern desk for your classroom for less than \$100. I have made several for friends and neighbors and the great thing is you can cut the legs to any size desk you need. I will link below some helpful guides when deciding the proper desk height. If you decide to make this, please be sure to send me pics so I can add to our upcoming Maker Awards as I would love to highlight your work! If you have any questions please shoot me an email makingmakersdiy@gmail.com.

~ Mike From Making Makers

DIY School Desk

Materials Used

1 - 1x6x6 (or 8 depending on store)
1 - 1x3x6
1 - 2'x4' oak plywood (maple or birch is fine too)
1 - 2'x4' sanded plywood
1 - 4x4x8 non pressure treated pine/fir lumber
wood glue
screws - 2 1/2"
brad nails - 1 1/4"

Tools Used

mitre/chop saw
table saw
brad nailer
drill
speed square



KIDS DESK CUT LIST

Material: 1 - 1x6x6

Cut 2 pieces at 15"

Cut 1 piece at 28.5

Material: 1 - 1x3x6

Cut 2 pieces at 3.5"

Rip to 1" then cut at 28.5" (2 times)

Material: 1 - 4x4x8 non pressure treated pine/fir lumber

Create 4 pieces, each 1.5"x1.5" and cut to 21.25"

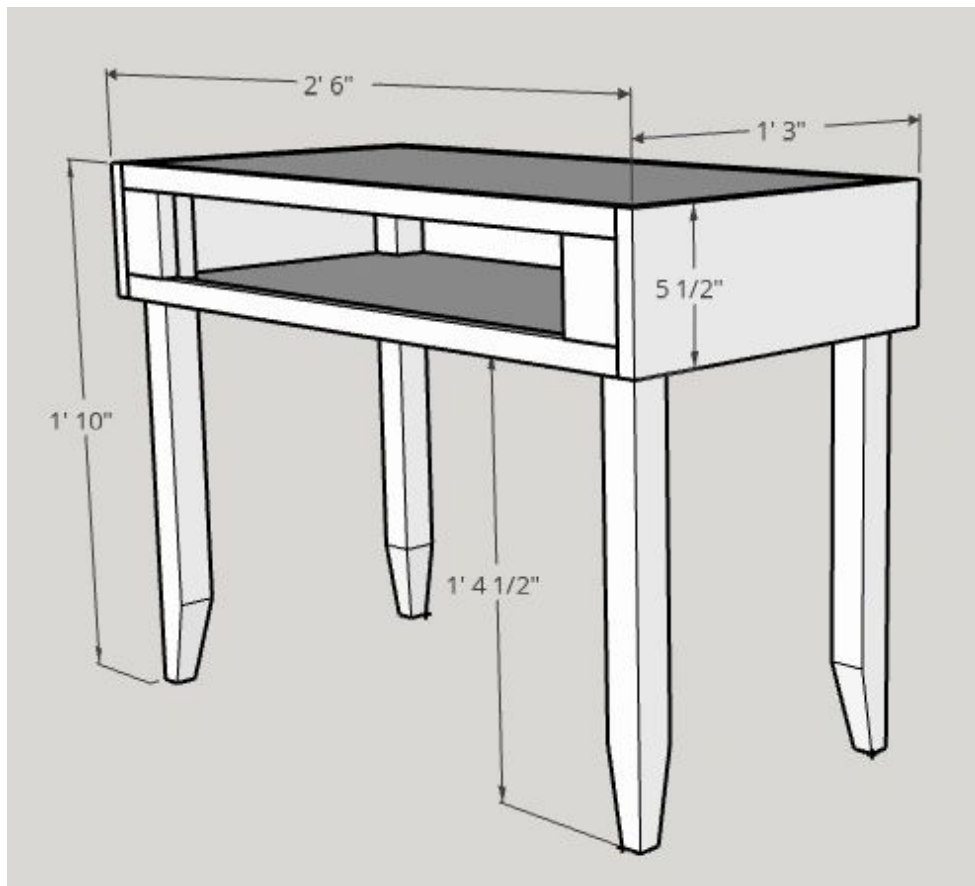
Taper legs 10deg - see drawing on slide 4

Material: 1 - 2'x4' oak plywood (maple or birch is fine too)

Cut to 28.5" x 13.5"

Material: 1 - 2'x4' sanded plywood

Cut to 28.5" x 13.5" then notch each corner 1.5"



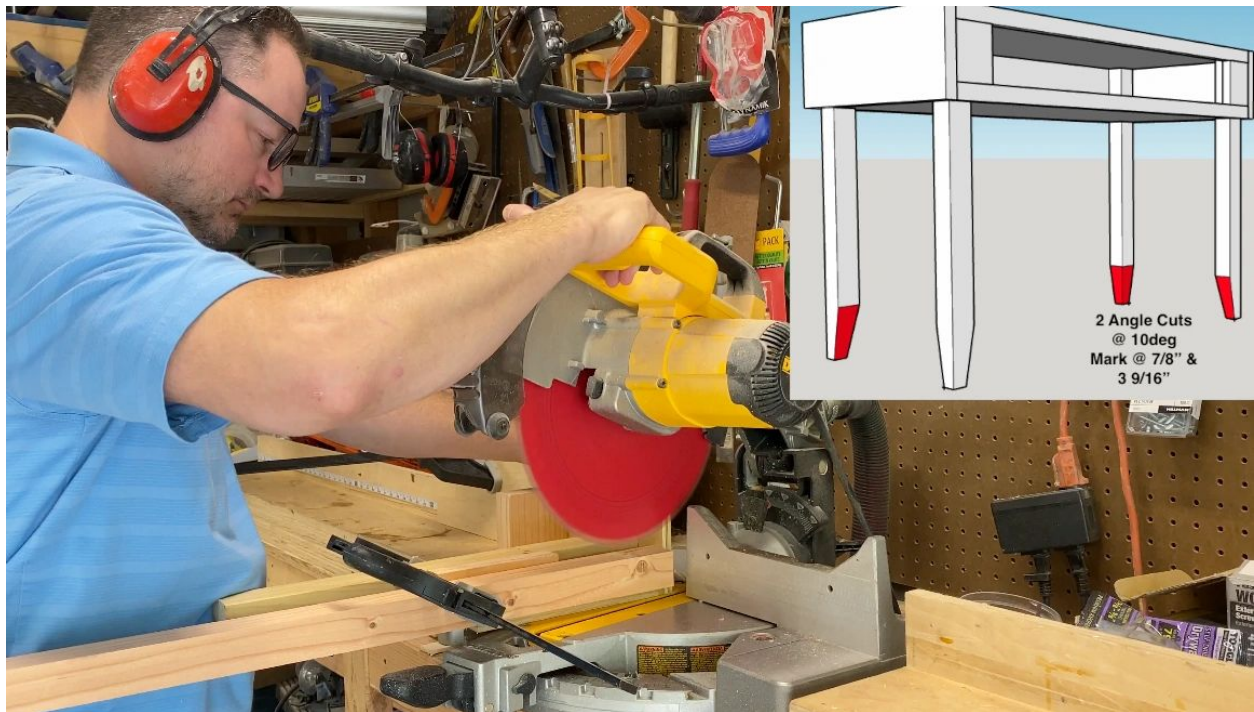
Step 1) Let's make the legs by ripping a 4x4 into fourths (that was weird to type LoL).



Step 2) Rip each piece to 1.5" x 1.5"

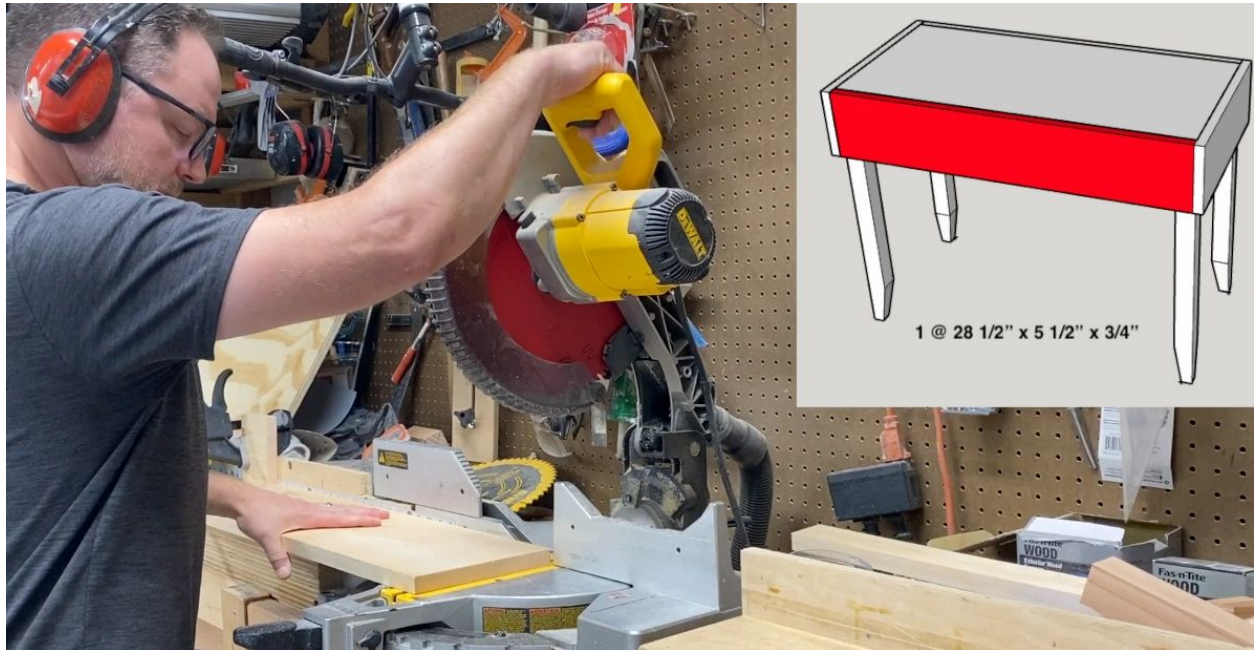


Step 3) Take leg to the mitre saw and set the angle @ 10deg. Place the leg safely (by using clamps) into a right angle jig and cut at 7/8ths from edge (as shown). Repeat this taper on the adjoining side. Here is a link to a guide on how to make a jig similar to mine <https://www.pinterest.co.uk/pin/642044490607973679/>



Step 4) Cut the leg to final length on non-tapered side. Since there will be a .75" top over the leg, simply subtract .75 from your desired desk height. For example, I made a 22" H desk for my kindergartener...therefore I cut the legs to 21.75". For a 27" H desk like I made my second grader, the legs were cut to 26.25". Hope that makes sense.

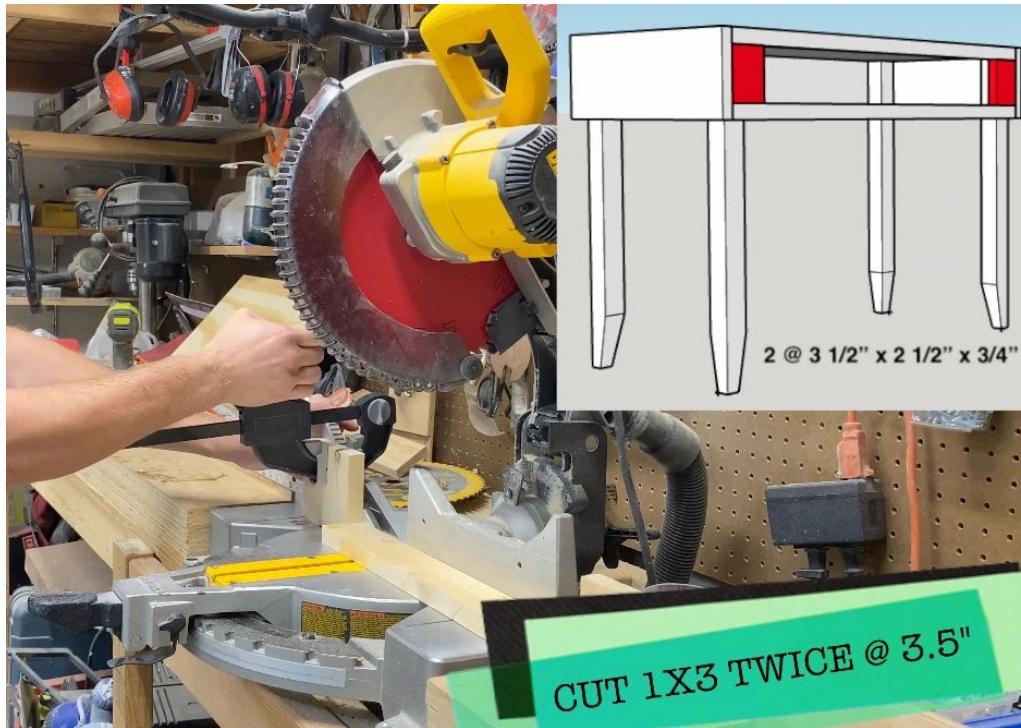
Step 5) Cut your 1x6 to 28.5" to form the back piece



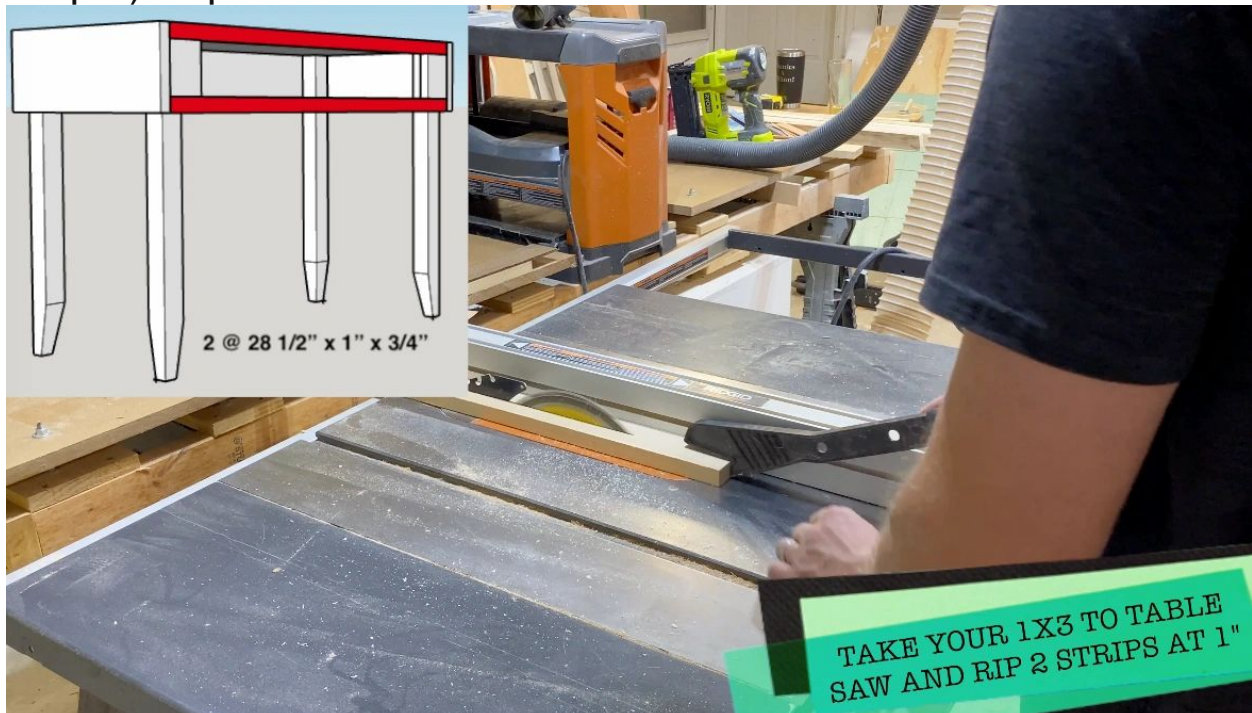
Step 6) Cut 1x6 to 15" (2x) to form sides



Step 7) Grab your 1x3 and cut to 3.5" (2x) for the front



Step 8) Rip 1x3 to 1" W on table saw



Step 9) Rip 2'x4' hardwood plywood to 13.5" longways on the table saw



Step 10) At mitre saw, cut to 28.5" (you will need to flip board and make a second cut)



Step 11) Repeat steps 9 & 10 on another 2'x4' this time you will notch the corners in 1.5" to make room for the legs you made in earlier steps



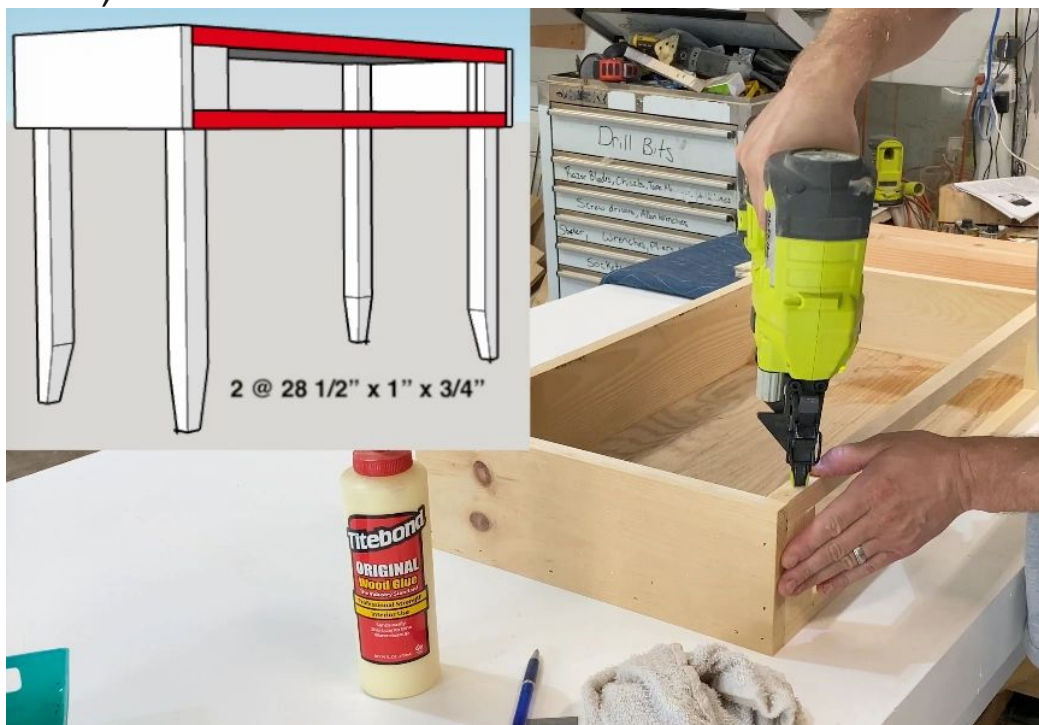
Step 12) Assemble using wood glue and brad nailer (or use trim head screws). 1.5" or 1.75" nails or screws should work fine.



Step 13) Attach the sides



Step 14) Attach the 4 front pieces, which includes the horizontal strips as well as the vertical 3.5" pieces (shown under my left hand)



Step 15) Secure the legs with glue and 2" screws (4 per leg). I used my brad nailer (shown in video) to simply hold in place but that is optional. Use a speed square assist with accuracy.



Step 16) Attach bottom by using glue and brad nails (or screws like mentioned before). It may be helpful to use block or something to help hold in place (or just bang with fist like I did in the video LoL).



Step 17) Binge watch 4 episodes of 'Friends' on Netflix (apx 2 hours), then apply wood filler to visible nail and screw holes (if staining, this may be optional since some wood filler does not accept stain).

Step 18) The build is done, lightly sand with 150 grit and apply paint or stain. Hope this was helpful. I have kids going into a virtual semester and I know how important it will be to have a desk. If you or anyone you know wants to make this, please feel free to forward. My only ASK is that you kindly take a second to subscribe to my youtube channel.

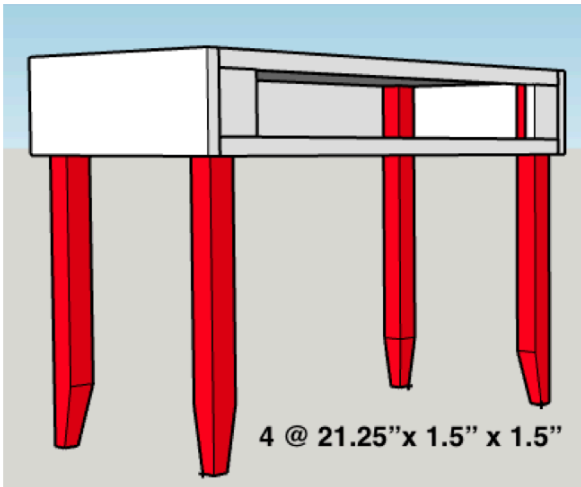
Build notes:

- Each time I create plans, I get a little better at this. I still have a lot to learn so PLEASE use both the video **AND** this guide to help you.
- If you are painting the project versus staining it, you may want to consider using sanded plywood for the top and bottom if you want to save some money. I like the look of the hardwood plywoods so I used stain but it is completely up to you.
- Good luck with your build, I hope you send me pictures. With your permission I will gladly showcase them on Facebook. :) If you need any assistance or if there is a correction needed to these plans simply email me makingmakersdiy@gmail.com

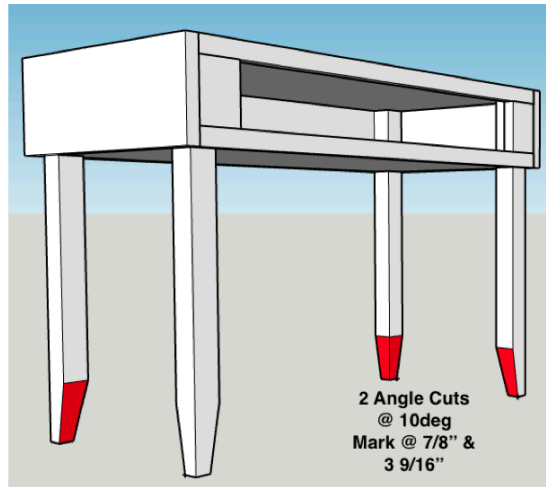
Yours in Making,

Mike

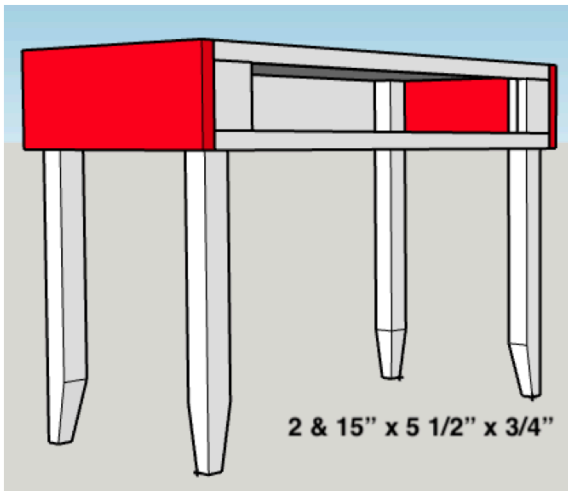
<https://youtube.com/c/makingmakers>



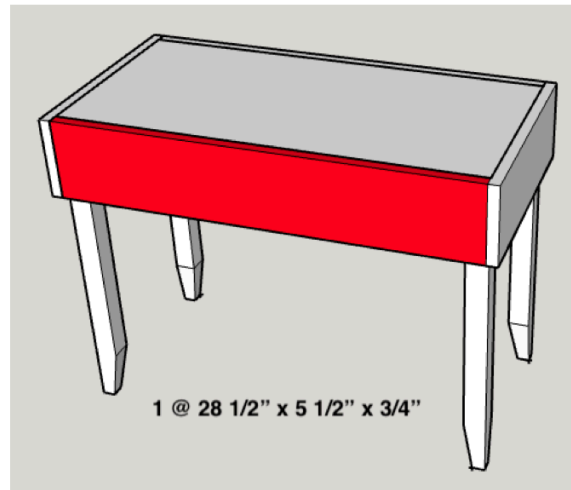
Legs



Taper

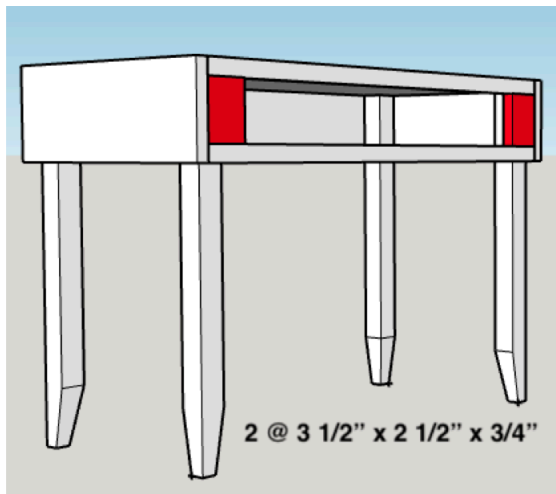


Sides

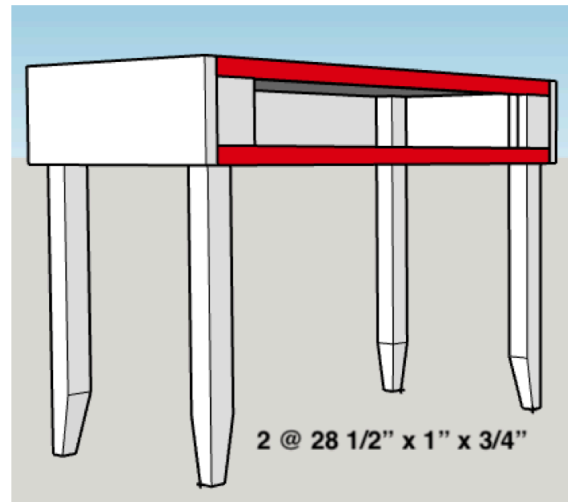


Sides

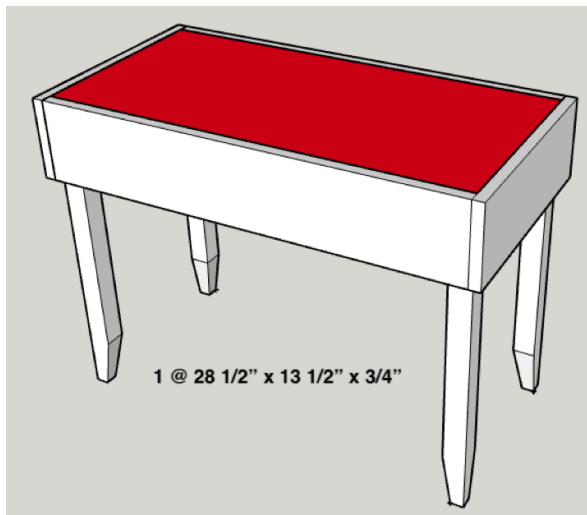




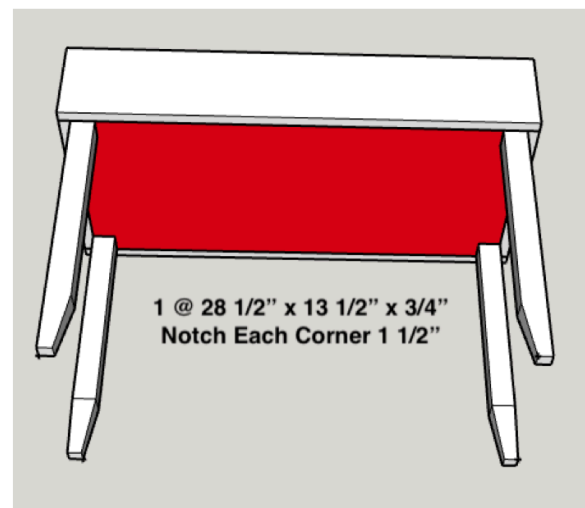
Front Verticals



Front Horizontals



Top



Bottom



