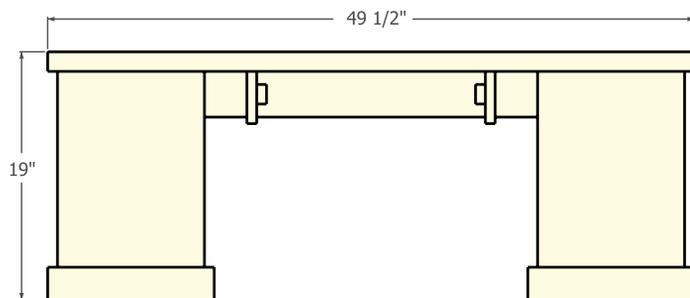


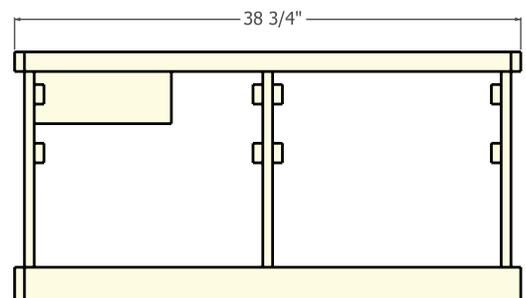


Train Table

*Y*our kids will love this *functional* and sturdy train table. And you will treasure the moment you finished this simply DIY project yourself. It helps expand their imagination and helps you keep the playroom organized. Built from common lumber and sturdy joinery it is made to handle all the little builders in your life.



FRONT

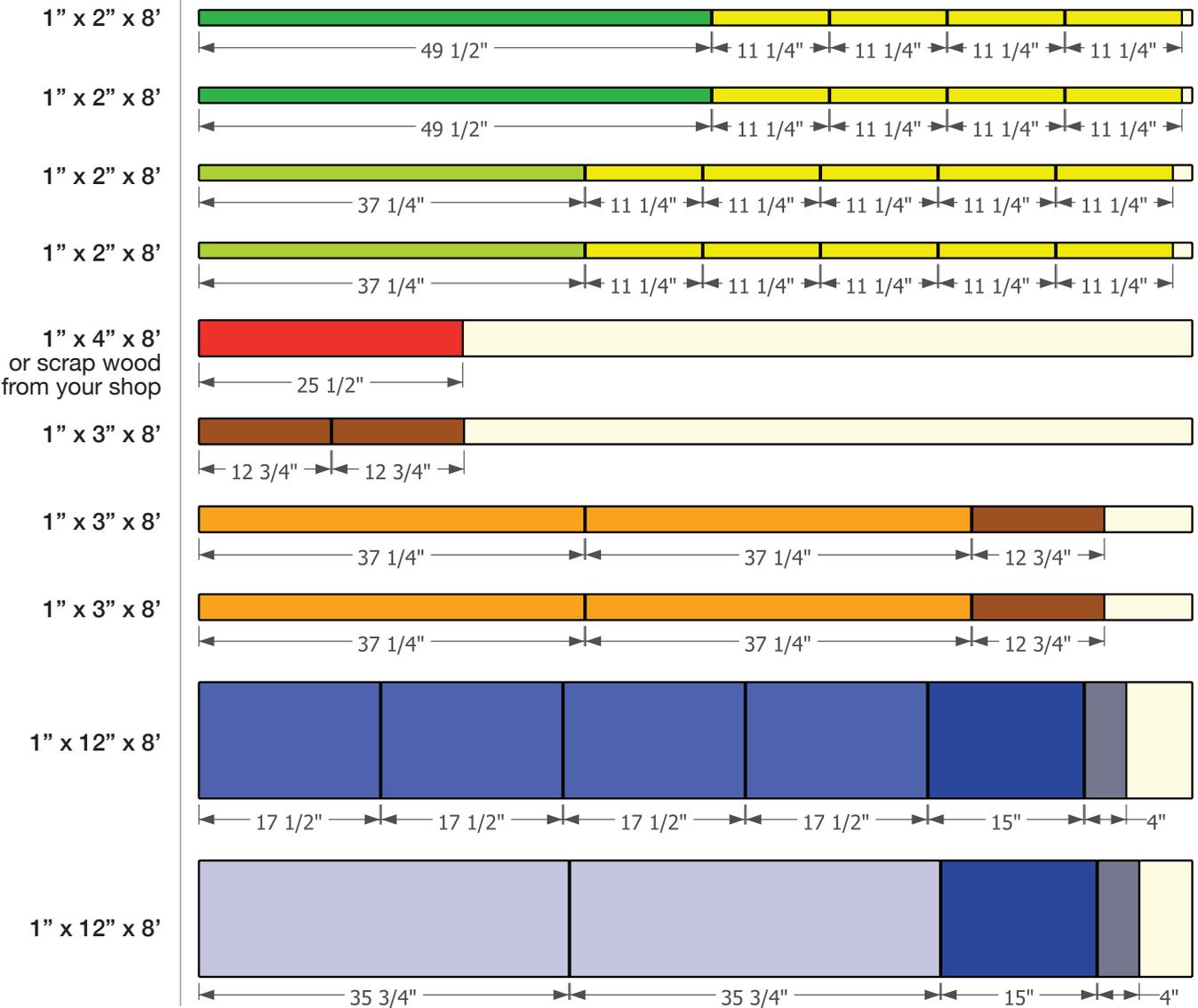
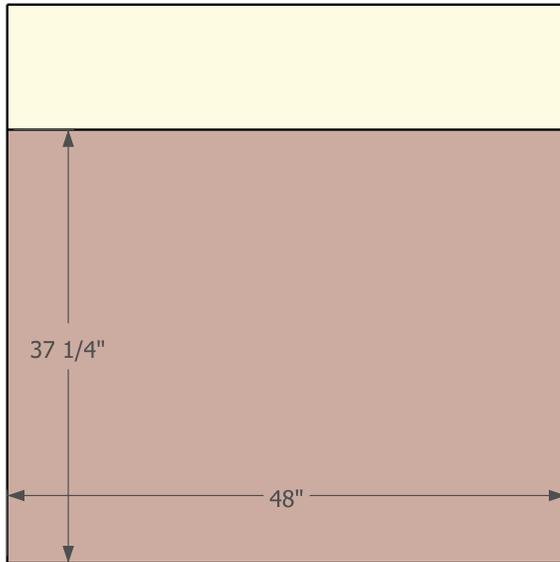


SIDE

CUT LIST

Make sure you read through the instructions carefully. Take notice of any special construction notes. Some boards are to be cut to fit only at a specific stage in construction. And always practice safe DIY'ing. Have fun!

1/2" x 48" x 48"

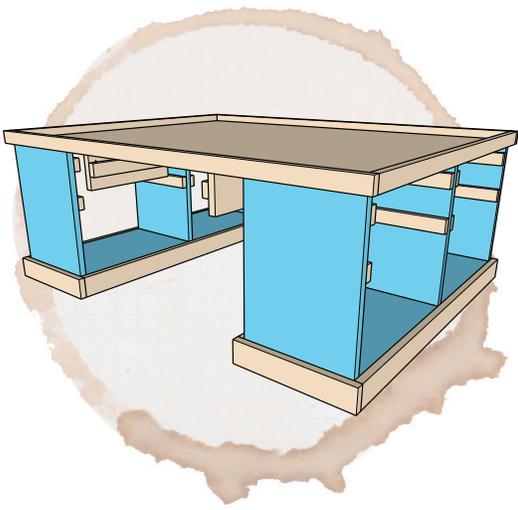


MATERIALS LIST

Material	Qty
1" x 12" x 8' white board	2
1" x 4" x 8' white board or scrap wood from your shop	1
1" x 3" x 8' white board	3
1" x 2" x 8' white board	4

Material	Qty
½" x 48" x 48" MDF	1
1-¼" pocket screws	
1" pocket screws	
1-¼" brad nails	
wood glue	

NOTES

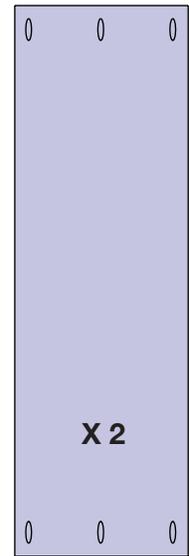


1

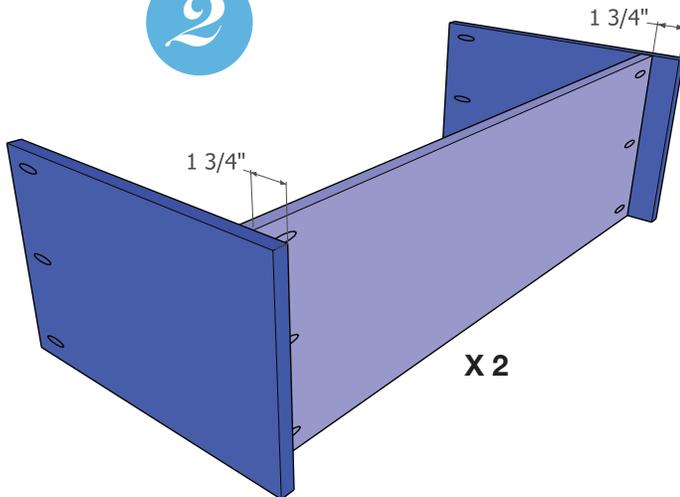
top pocket holes
are drilled for
1/2" thick MDF



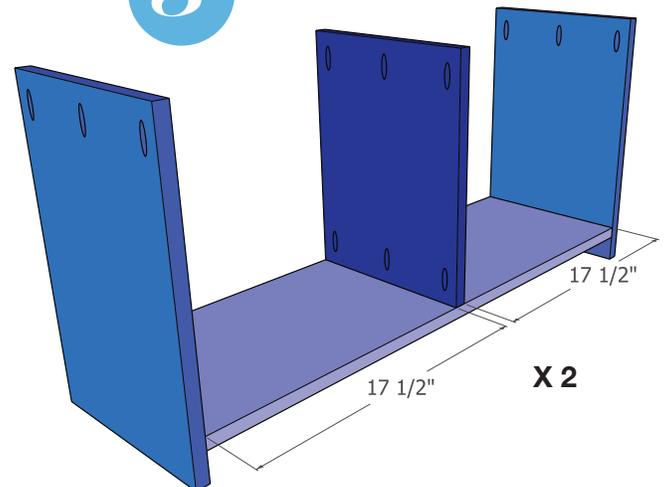
pocket holes
are drilled for
1/2" thick MDF



2



3



1.

Begin by cutting the side and middle panels and the base out of the 1x12 white board according to the Cut List.
You should have 4 side panels, 2 middle panels and 2 bases.

Next drill your pocket holes. Notice that the top pocket holes will be drilled to attach the 1/2" MDF with 1" pocket screws in Step 7, all the rest will be drilled for 3/4" material and 1-1/4" pocket screws.

This table consists of 2 bases to hold up the top. Steps 1-4 will be repeated to construct the separate bases.

2.

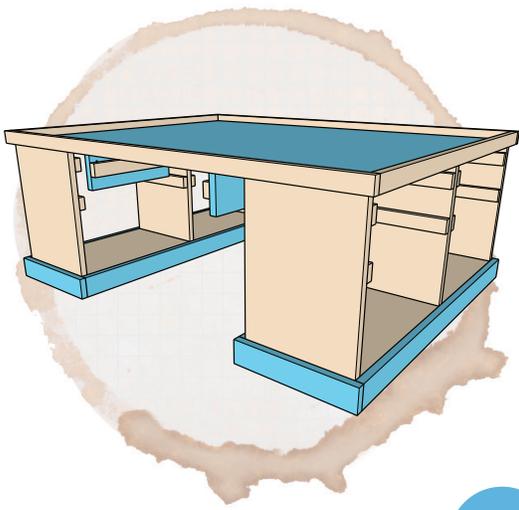
Lay the pieces on their side to attach the base to the side panels. Notice that the pocket holes on both side panels face the same direction. This is so that all the pocket holes will face the back when you are done. Also be sure to have your pocket holes for the 1/2" material on top to be used in Step 7. Inset the bottom 1-3/4" from the bottom edge of the side panel and attach with wood glue and 1-1/4" pocket screws. Insetting the base will allow the top edge of the base trim in Step 4 to be flush with the top plane of the base.

Repeat for the second base.

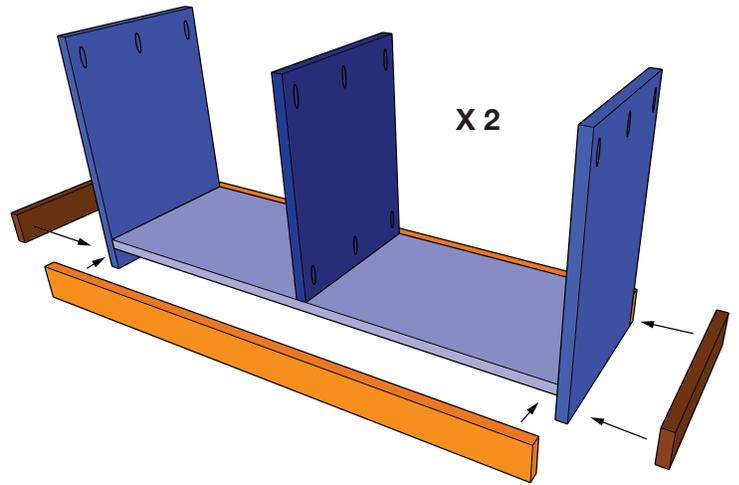
3.

Center the middle panel, making sure your pocket holes are facing the same direction as the side panels and the pocket holes for the 1/2" material are on top. Attach with wood glue and 1-1/4" pocket screws.

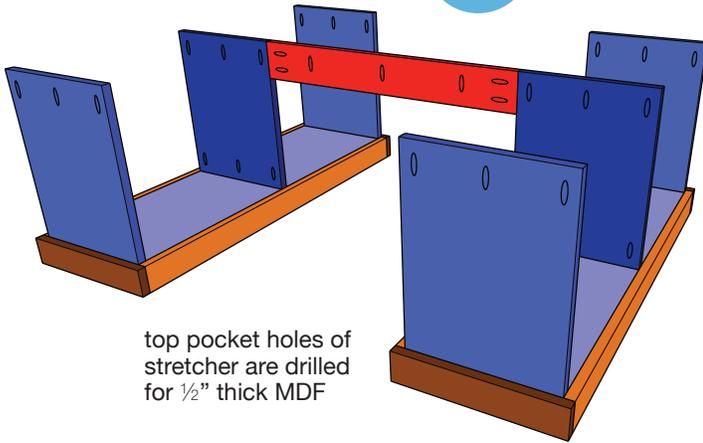
Repeat for the second base.



4

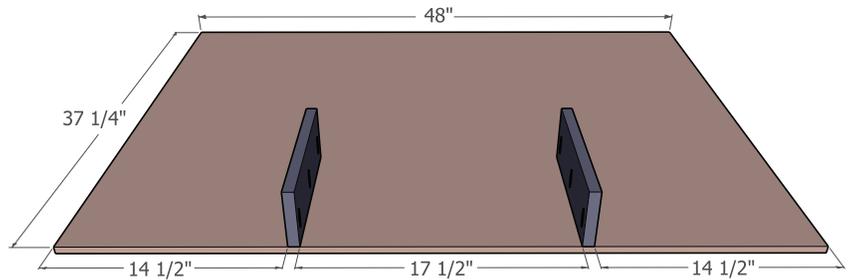


5



top pocket holes of stretcher are drilled for 1/2" thick MDF

6



4.

Cut the base trim to fit. First cut the long pieces to be flush with the outside plane of the side panel. Attach with wood glue and 1-14" brad nails. Next cut the short end pieces to be flush with the outside plane of the long trim pieces. Attach with wood glue and 1-1/4" brad nails.

Repeat for the second base.

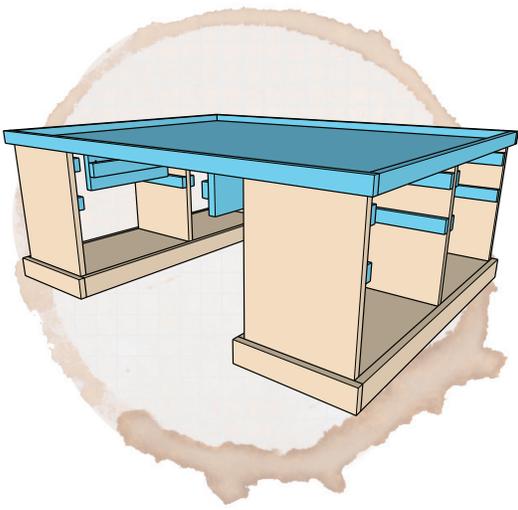
5.

Now you will attach the support stretcher between the 2 bases. Note that the stretcher has pocket holes drilled across the top for the 1/2" thick MDF and 1" pocket screws in Step 7. The other pocket holes are drilled for 3/4" material. Attach the stretcher with wood glue and 1-1/4" pocket screws, making sure the top edge is flush with the top edge of middle panels of the bases.

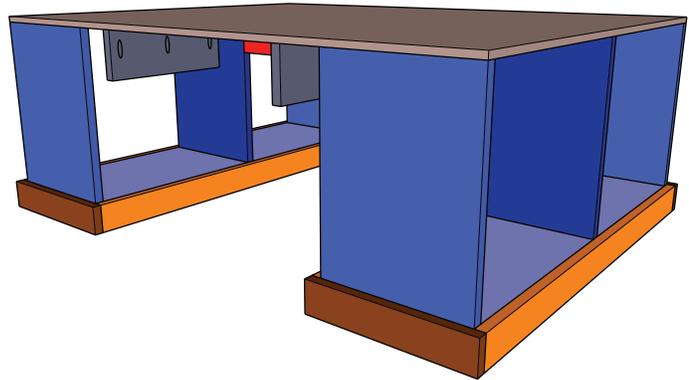
Notice again that the pocket holes face the same direction as the other panels

6.

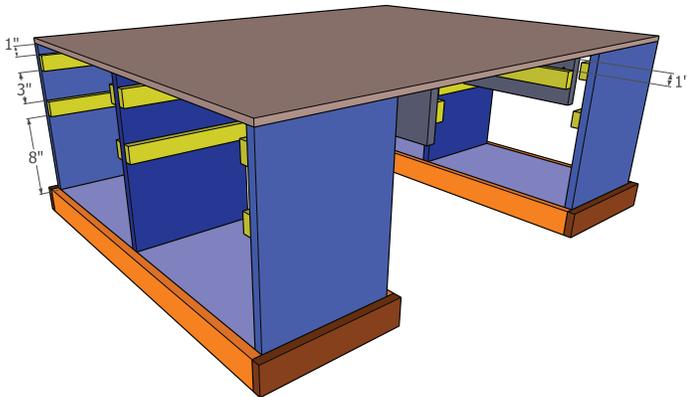
Next you will attach 2 braces that will hold the middle tub. Cut these from the 1x12 material. Drill pocket holes for 1/2" thick material and attach to the bottom of the MDF with wood glue and 1" pocket screws, making sure the pocket holes face inward.



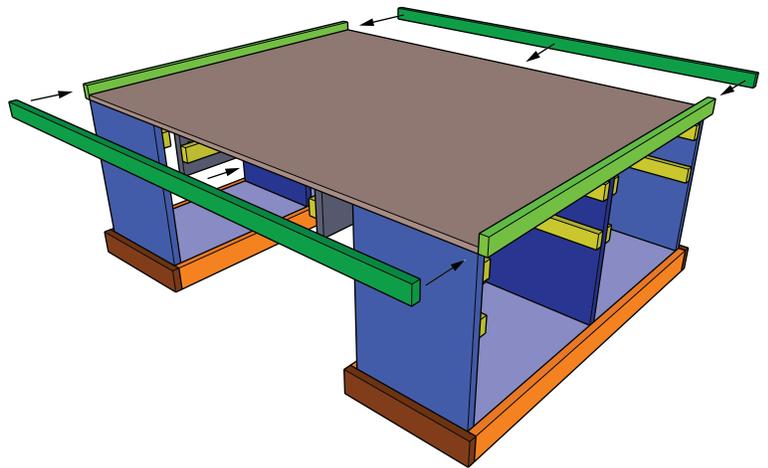
7



8



9



7.

Attach the 1/2" thick MDF to the base structure with wood glue and 1" pocket screws. Make sure that the braces you attached in Step 6 face the opposite direction of all the pocket holes you drilled in the base. Take your time to make sure the side panels of the bases are lined up flush with the edge of the MDF.

8.

Now attach all the 1x2 tub supports (yellow boards in illustration). Each base will get 8 supports and the front braces will get 1 each. Attach the supports spaced out according to the illustration above. Making sure they are flush with the front edges attach with wood glue and 1-1/4" brad nails.

9.

Now all that is left is to attach the top trim around the MDF top. The trim is attached so that the bottom edge is flush with the bottom plane of the MDF. This will give you about a 1" lip around your top to keep all the toys corralled.

You will cut all these pieces to fit.

Begin with the shorter pieces and cut so that they are flush with the outside edge of the MDF. Make sure the bottom edges are flush with the bottom of the MDF and attach with wood glue and 1-1/4" brad nails.

Finally cut the long pieces to be flush with the outside plane of the short pieces. Make sure the bottom edges are flush with the bottom of the MDF and attach with wood glue and 1-1/4" brad nails.