

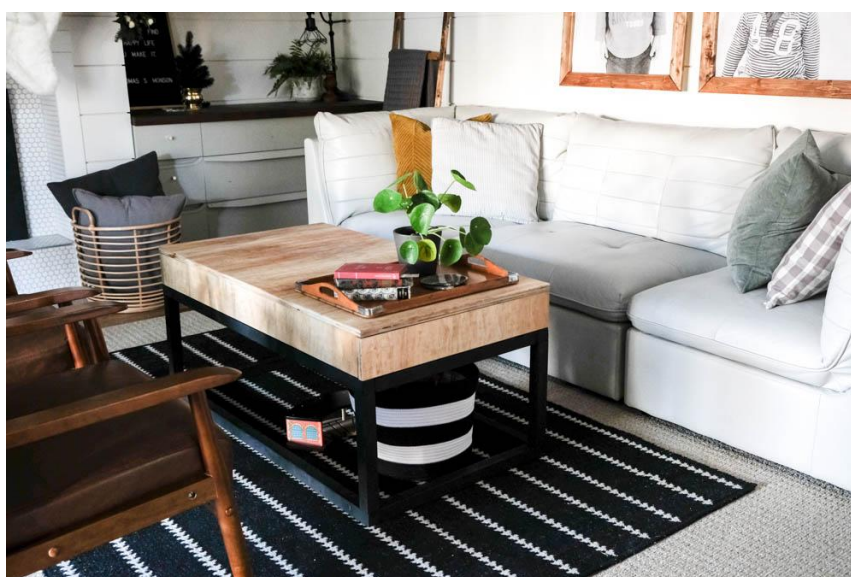
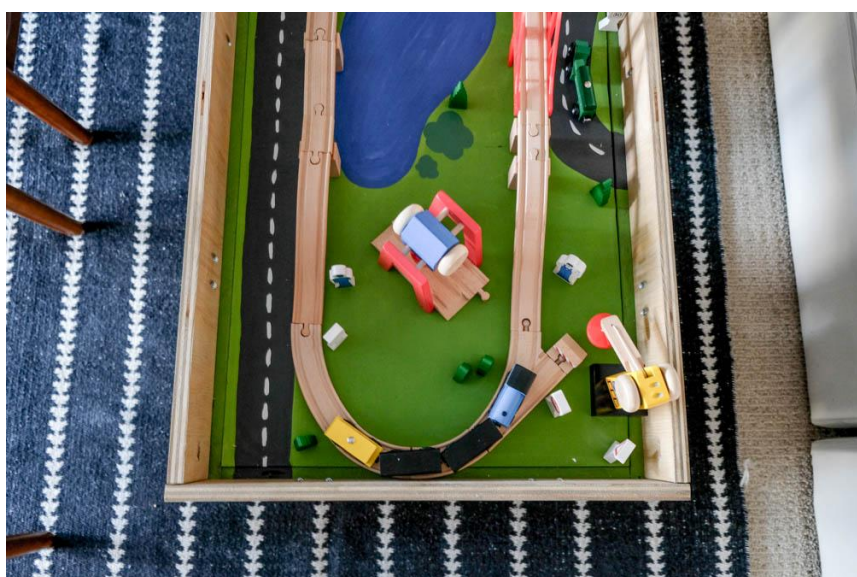
# Coffee Table with Train Table/Storage

By **The Learner Observer**

Difficulty

Easy

In this plan you'll see how to build a coffee table with a simple, modern base and train table on top, which can also be used as storage. This can also be used without the storage above, but it makes a great place to store things like board games and other things not used daily.



# Tools

## Kreg Tools



## Other Tools

Miter Saw

Table Saw

Tape Measure

Impact Driver

# Materials

## Wood Products

- 4 Board , 2x2 , 96"
- 2 Board , 1x2 , 96"
- 1 Plywood , 3/4" Thick , Full Sheet

## Hardware & Supplies

- 30 1-1/4" Kreg Pocket Hole Screws
- 50 2-1/2" Kreg Pocket Hole Screws
- 1 Black Paint
- 1 Sanding Block - 60 Grit
- 1 Sanding Block - 120 Grit
- 1 Wood Stain In Colour Of Choice
- 18 1-1/2" Kreg Pocket Hole Screws
- 5 Small Craft Paintbrushes
- 1 Variety Of Acrylic Paints (I Used Light Green, Dark Green, Blue, Charcoal, And White)

# Cut List & Parts

- 4 Base , 1-1/2" X 1-1/2" X 12"
- 4 Base , 1-1/2" X 1-1/2" X 45"
- 4 Base , 1-1/2" X 1-1/2" X 21"
- 3 Support , 1/2" X 1-1/2" X 21"
- 2 Lid Stopper , 1/2" X 1-1/2" X 44"
- 2 Tabletop Surround , 3/4" X 43-1/2" X 4"
- 2 Tabletop Surround , 3/4" X 24" X 4"
- 1 Tabletop , 3/4" X 45" X 24"
- 1 Train Table Base , 3/4" X 21" X 42"



# Directions

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## Prepare base

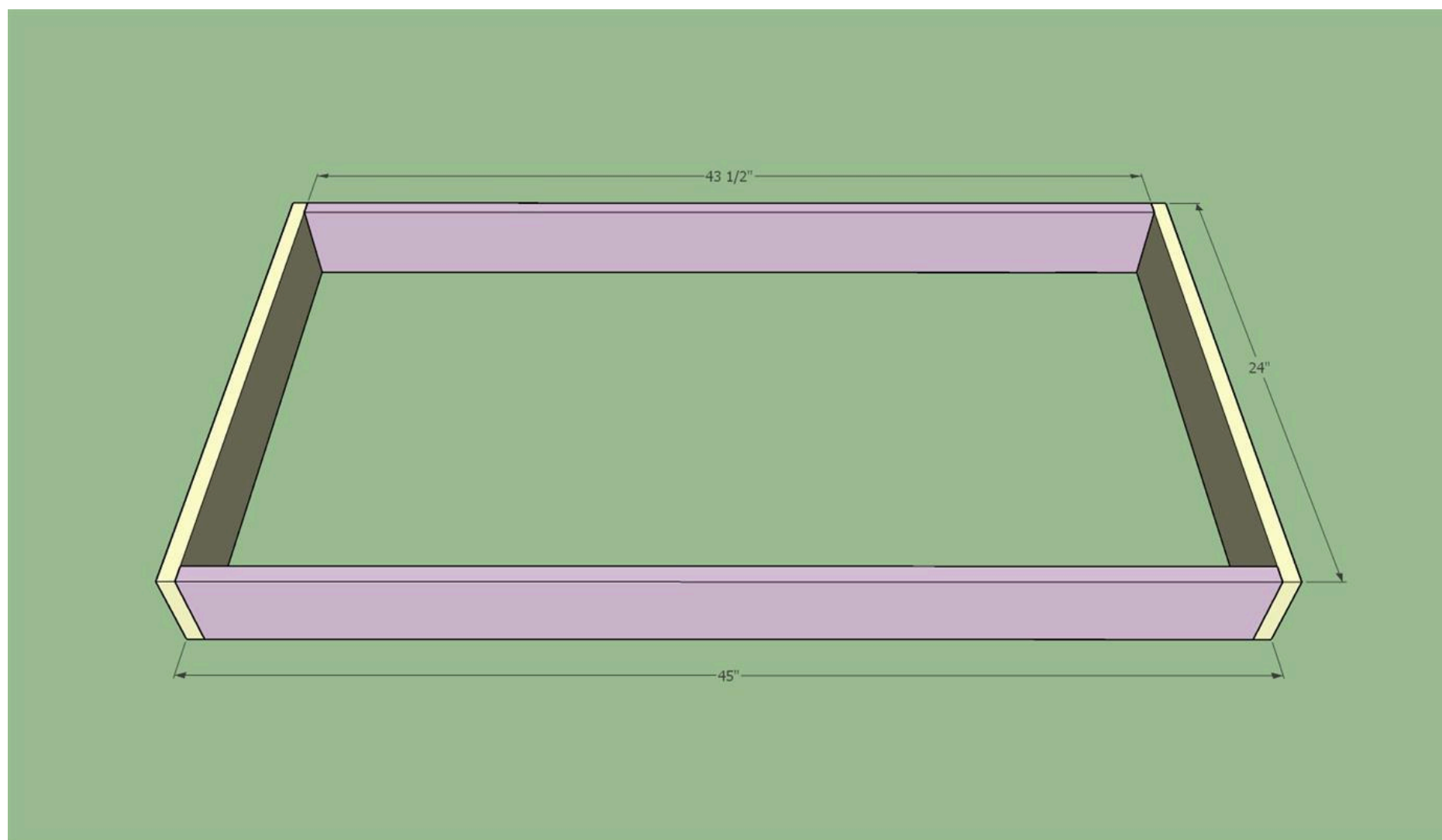
Once pieces are cut to size according to cut list, drill pocket holes into all of the 1-1/2"x 1-1/2" pieces for the base, except the 12" ones. Sand all pieces.



**2****Prepare tabletop surround**

Drill pocket holes into all four pieces, plus an additional two holes on the sides of the longer pieces to create a "box." Attach all four pieces using 1-1/4" pocket screws.

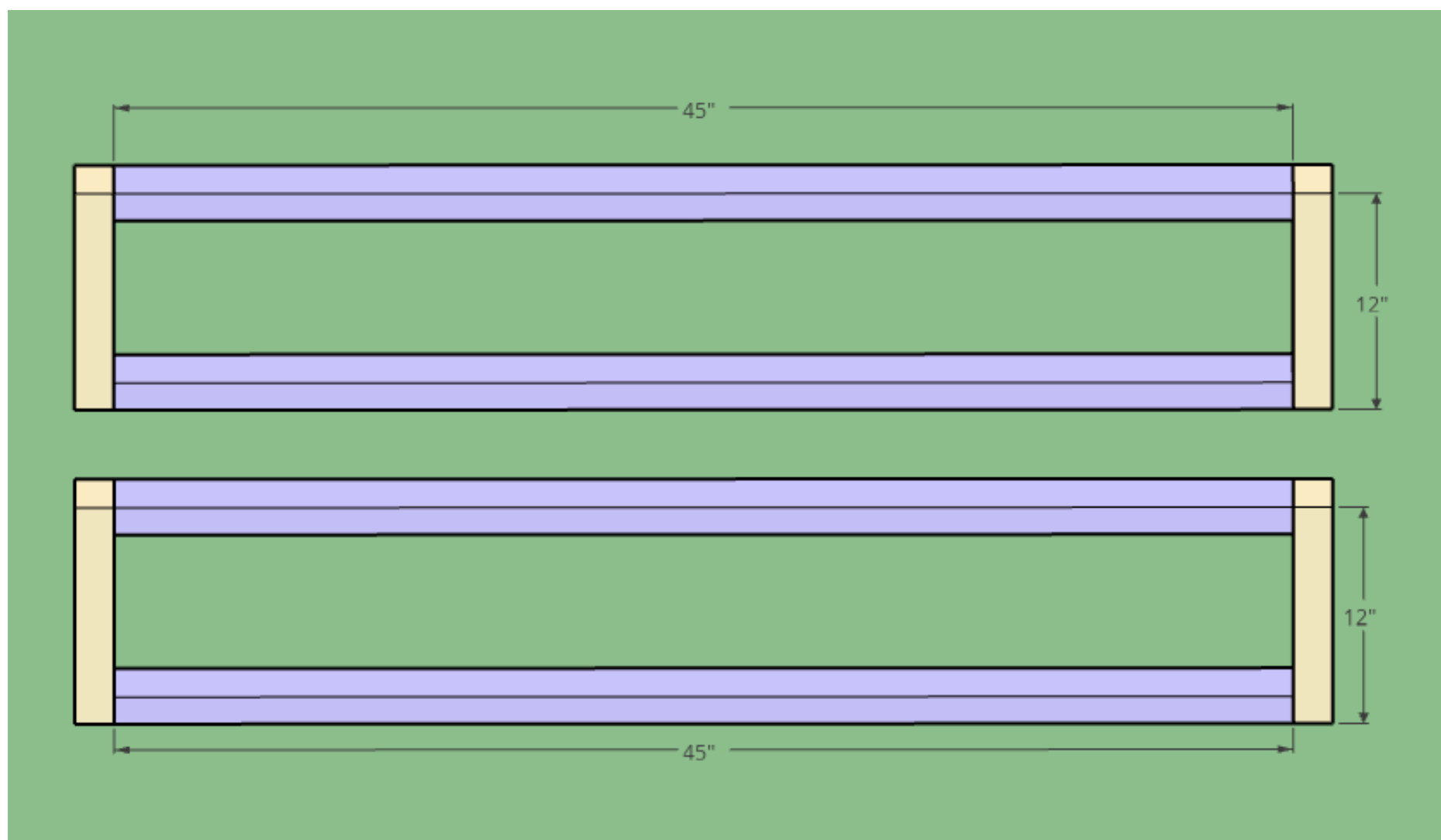
Sand all pieces smooth with 120 grit sandpaper.



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### Build frame base - part 1

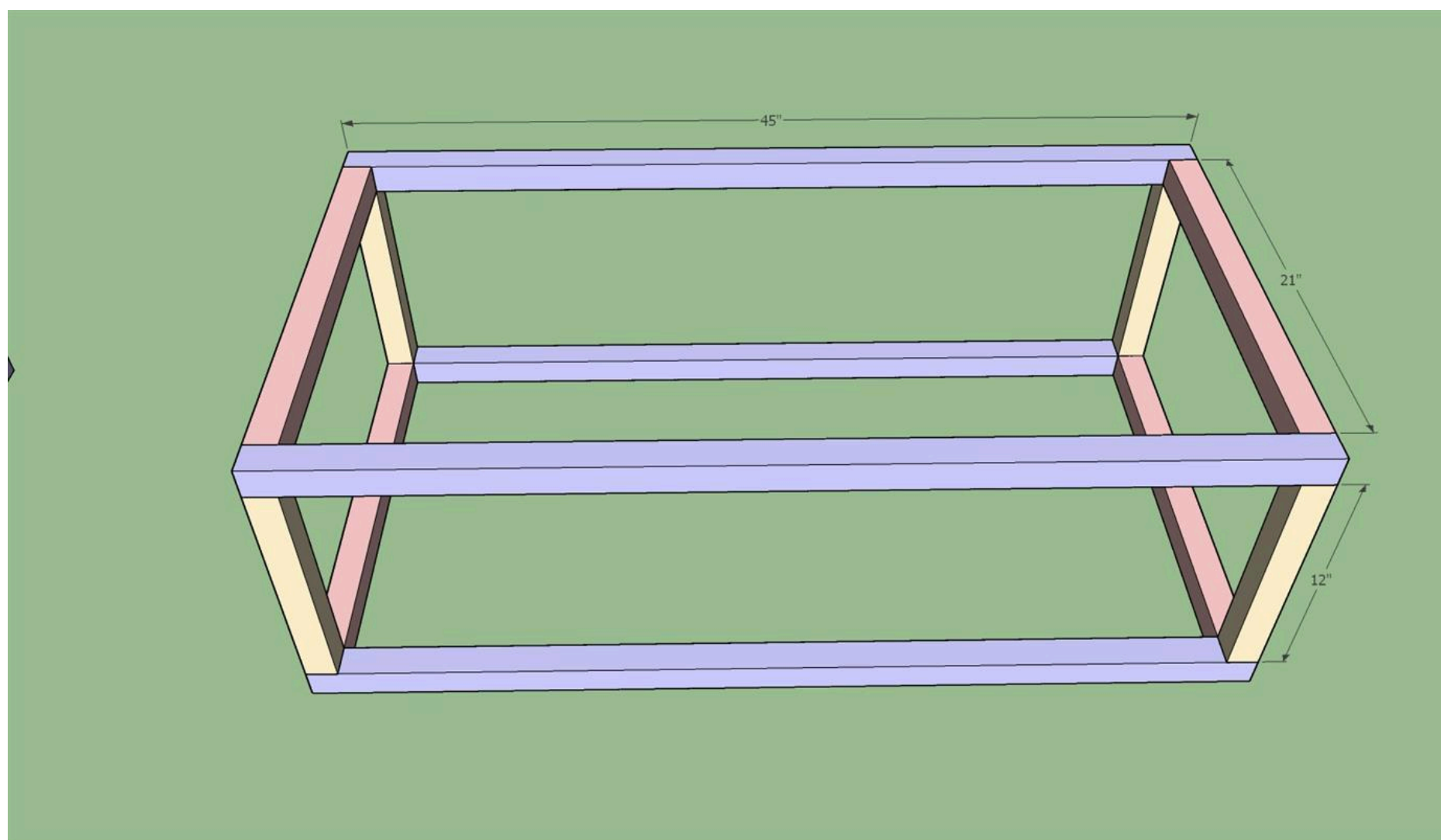
Using 45" and 21" pieces of the 1-1/2"x1-1/2" boards, create two frames as illustrated in image using 2-1/2" pocket screws.



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### Build frame base - part 2

Attach 1-1/2"x1-1/2"x21" pieces to the frames using 2-1/2" pocket screws.

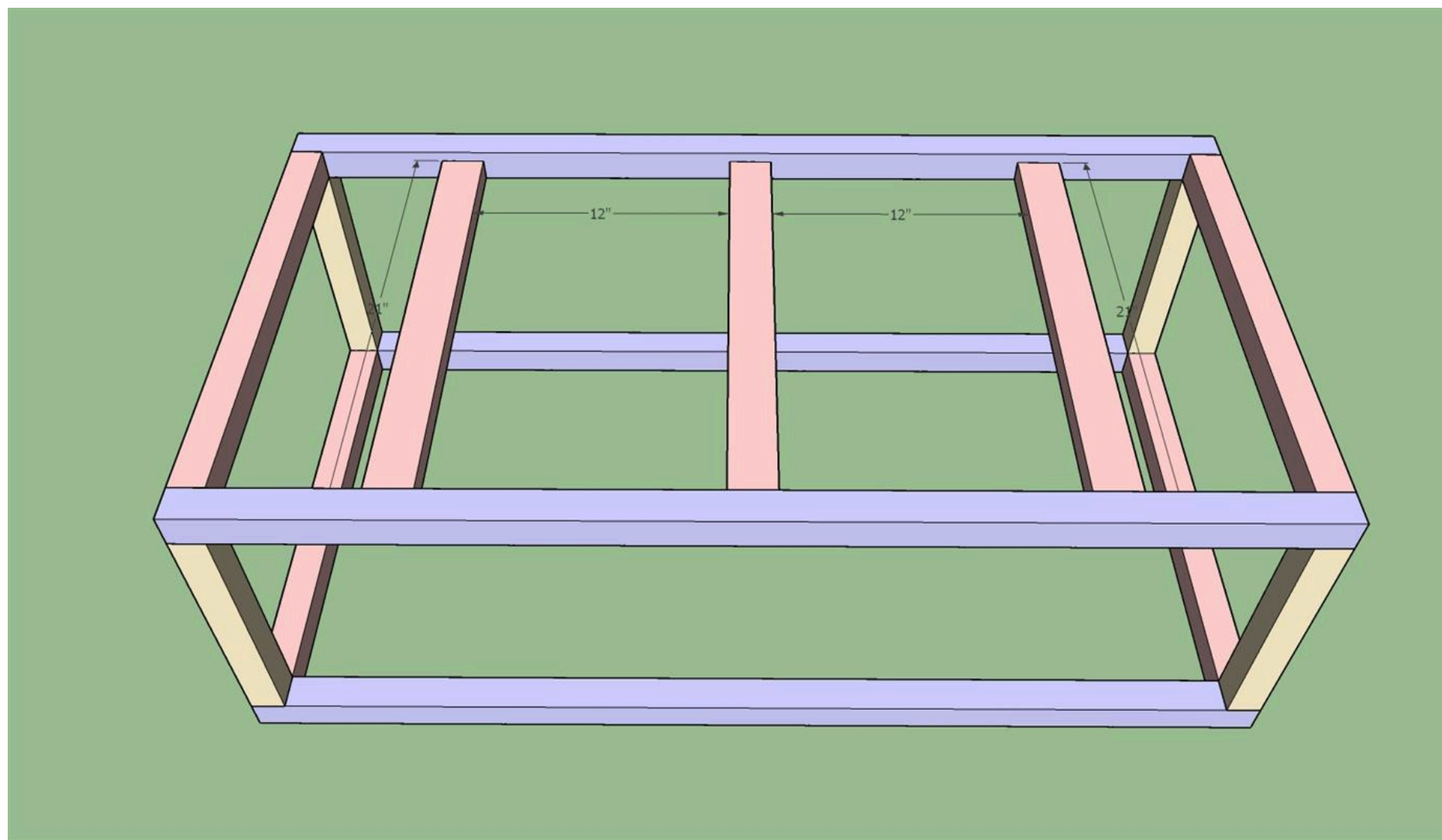




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### Build bottom supports

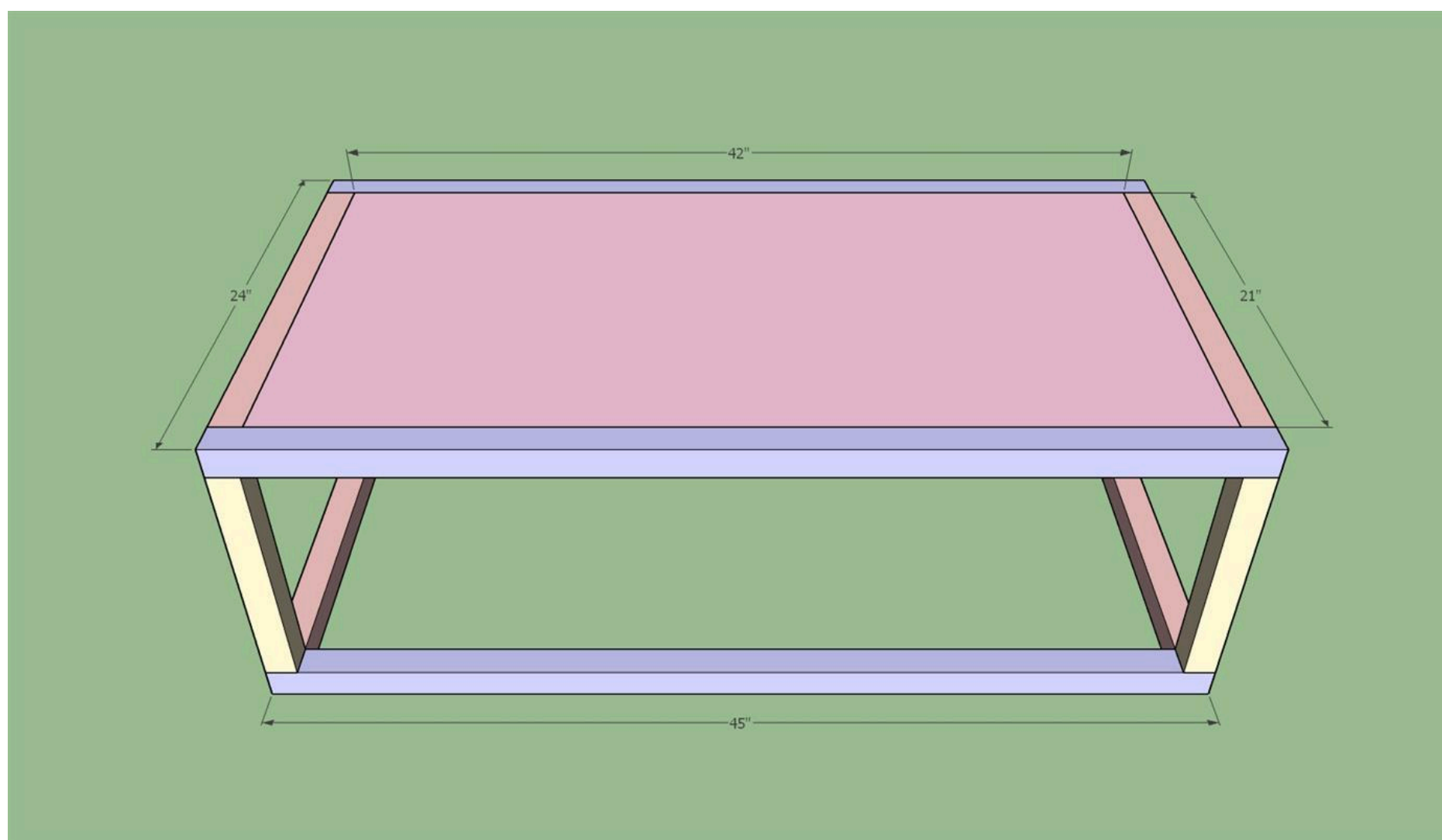
Attach the 3/4"x1-1/2"x21" boards to the base frame to create a support for the bottom of the tabletop.



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### Add plywood bottom

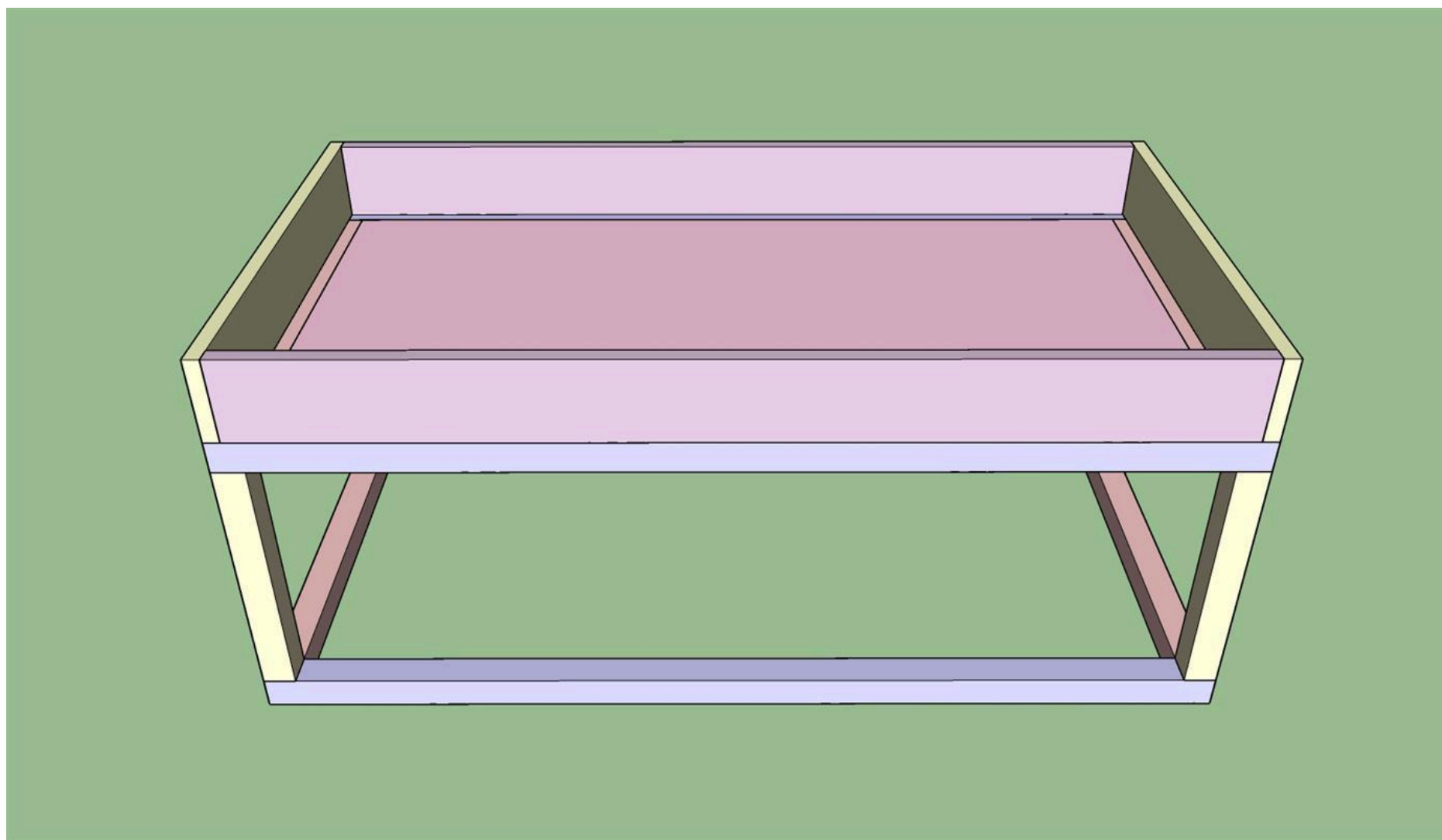
You can use screws for this, but it should be a tight enough fit that you don't need to.



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### Attach train table surround

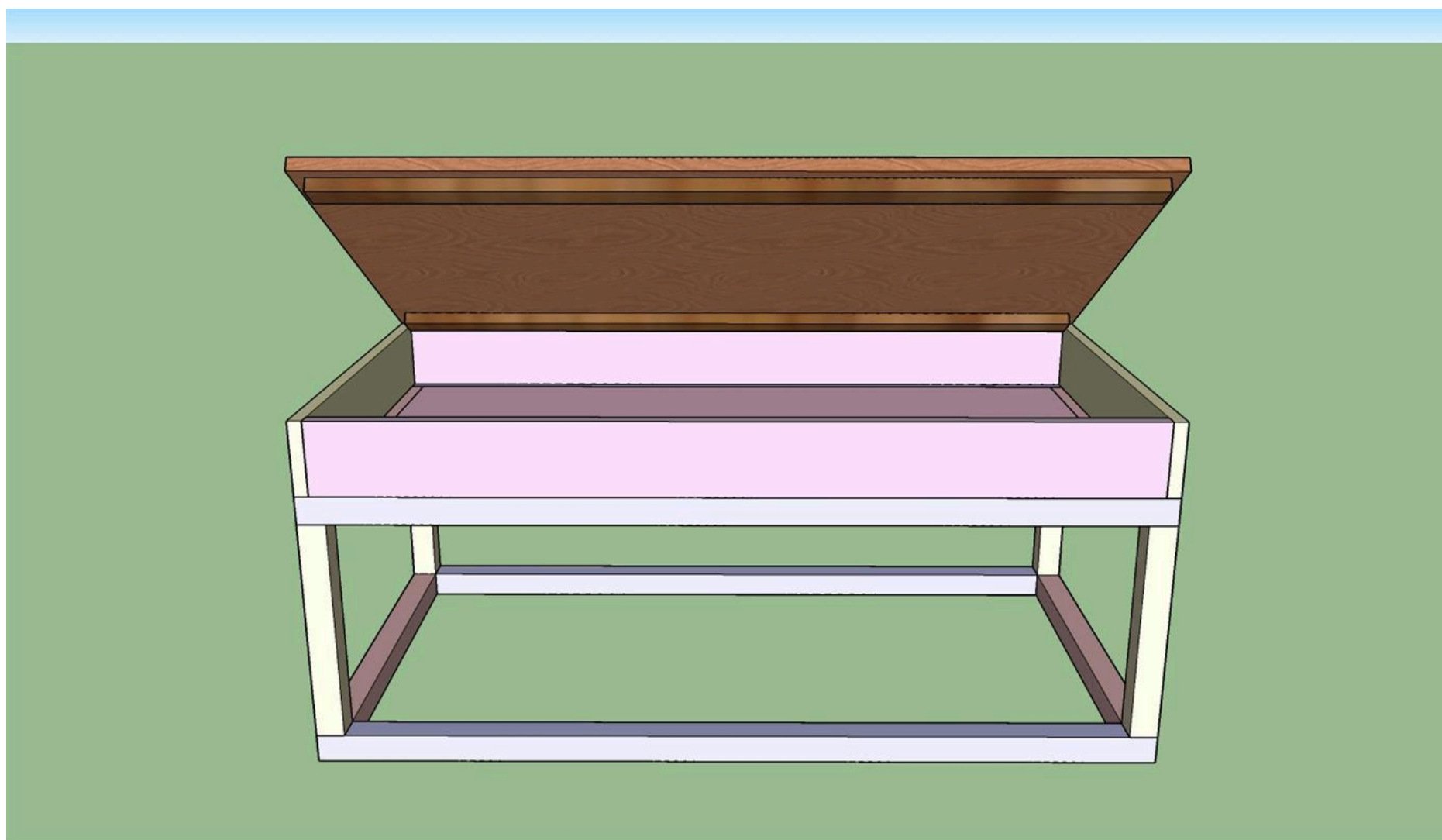
Stain the entire thing in the colour of your choice, then, using 1-1/2" pocket screws, attach top piece.



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### Prepare tabletop

Add stoppers to the tabletop so that the top doesn't slide around. Stain in colour of choice.





**9****Paint base**

Using a matte black paint of your choice, paint the base.



**10****Draw train table landscape**

Using a pencil, draw a road, lake, trees, and whatever else you'd like as part of your train table landscape on the plywood base.





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**Paint lansdcape**

Using acrylic paint and small craft paintbrushes, paint the grass, water, road, etc.





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### Add trains!

Add in your trains and let the kiddos play! When they're done, just add the top back on!

