

HART™



DIY Bridal Shower Backdrop
From: @wildly_capable_carpentry

PROJECT PLAN

Finished Dimensions: Varies based on Desired Size

Skill Level: Beginner

Materials

Item	Qty
String	3
¾" Plywood 4'x8'	2
72" Continuous Hinge	1
48" Continuous Hinge	1
Painter's Tape *Optional	1 Roll

Tools Used



Circular Saw



Jig Saw



Power Drill



Measuring Tape



Pencil



Battery Tip: A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Lumber Cut List

Board*	Description	Cut to	Qty
Plywood Sheet 4' x 8'		2' x 8'	4
Plywood piece 2' x 8'		2' x 6'	1
Plywood piece 2' x 8'		2' x 7'	1
Plywood piece 2' x 8'		2' x 5'	1

* Board dimensions are "nominal." Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Assembly Instructions

Step 1

I would recommend you buy ¾" Plywood to ensure more stability. Whether you want to use Oak, Birch, etc that's up to you.

Now to avoid making large cuts and traveling home with big sheets, have them cut the pieces for you. Give them both your 4x8 sheets and have them cut it down the middle to make 2x8ft pieces. You'll have one sheet of 2x8 leftover. But if you do not want any leftovers you can always just buy one plywood sheet to cut and then buy a plywood sheet pre cut at 2x4ft. Those are available to buy as well. Again, remember these are the dimensions I chose to do for my project. You can always make them taller or shorter to fit your needs.

Step 2

Creating the arches: Once you have the 2x8 pieces, lay them on the floor or on saw horses. Grab your string and pencil to draw out the arch. Wrap the string around the pencil a few times and now with the hand that's holding the string, move it to the edge of the sheet. You'll know you have the correct string length when your pencil reaches the upper corner. Once it reaches upper corner, hold the string right where it is and draw your arch with your pencil. Repeat it 2 more times for your other two sheets.

Once your arch is drawn out, you can line the marking with painter's tape. This is optional but it is a tip to help eliminate rip out/ tear out of your plywood when cutting it with the jigsaw. *As shown in video.

So now, its just time to bring out your trusty jigsaw and cut out the arch! Go slow and really follow the line.



Step 3

Cutting to Size: At this point we should have three arches all at the same length. I left this step towards the end just to be sure I'd be happy with the height I choose for each arch. Measure from the highest point in your arch down to 7ft. Once marked, measure from bottom to the mark you just made. See how many inches it is from the bottom and make more marks running across the board to that same measurement. Draw your line with a straight edge to connect them all and go ahead and cut it off with your circular saw. Do the same process for your arch at 6ft and 5ft.



Step 4

Adding Hinges: Once all three pieces are cut to the desired height. Place them on the ground just how you'd like them to be. Ensure all the bottoms of each panel are even with each other. Double check you do not have all arches facing the same way to add the "abstract look".

Now grab your two hinge sets and place them inbetween the gaps of your three pieces. Before you start screwing it all in, make sure the hinges have room to breathe (meaning they are not squished in the cracks preventing them from swiveling) and that they are facing the correct way so your panels turn in the way you are wanting.

Step 5

Style: The most fun part has come! Designing and styling the backdrop to your event! This can be used for baby showers, bridal showers, or weddings! I went ahead and decorated mine to fit a rustic boho theme. And if you have certain colors you are wanting, don't be shy and paint them to match even more! I kept mine natural because that's the style I was going for.

With the plans I gave with 2 plywood sheets, it leaves you with an extra sheet so if you want to make more arches that's an option! *As shown in the last photo.

Be aware if you are placing these outside try to avoid windy days.

