

HART™



Chalkboard Tent

PROJECT PLAN

Finished Dimensions: Approximately 4'W x 8'H x 4'D

Skill Level: Intermediate

Materials

Item	Qty
2 in. x 2 in. x 8 ft. Board*	4
1/4 in. x 4 ft. x 8 ft. Plywood Sheet*	4
3" in. Wood Screws	1 box
100 Grit Sand Paper**	1
String	1 piece, approx.
Chalkboard Paint	1 gallon
Chalk	1 pack

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

**Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

Tools Used



Circular Saw



Drill/Driver



Jigsaw



Orbital Sander



20V 2.0Ah Battery



Tape Measure



Impact Bits



Carpenter Pencil

or



Markers



Safety Glasses

Also Needed:
Clamps



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

Assembly Instructions

Step 1

Make an “x” out of your two 2x2s and place the intersection 14 in. down from the top of the two boards. Spread the bottom of your “x” shape 4 ft. apart and mark.

Step 2

Now, lay your “x” onto the table, and use your drill to attach them with a wood screw.

Step 3

Stand your “x” vertical and use clamps to place in your other two 2x2s, making sure the distance between each board is 14”.

Step 4

Use your drill and wood screws to attach the two clamped dowels to complete your tent structure.

Step 5

Now that you have your tent structure, it’s time to make the walls. You can have your local hardware store cut down the plywood, making it easy to get into your car.

Step 6

Take your piece of plywood and lean it against one side of the tent. From the inside, trace the shape onto the underside of the plywood. Repeat this 3 more times.

Step 7

Using your circular saw, cut along the lines you trace to make your wall. Repeat this process three times.

Step 8

Next, make a doorway on one of your panels. You can choose any shape, but we chose an arch.



Quick Tip: Tie one end of a piece of string to a pencil. Hold the other end firm where the center of the arch will be. Draw a path to make a perfect arch.

Step 9

Sand the rough edges of your archway.

Step 10

Attach your boards to the tent structure with wood screws. Make sure each board matches its traced spot on the tent shape you made from the 2x2s.

Step 11

Prime your walls, structure and doorway, let dry, and attach to complete your tent.

Step 12

Paint with chalkboard paint, let dry and enjoy!