



Stair Step Organizer by @lelaburris

<u>PROJECT PLAN</u>

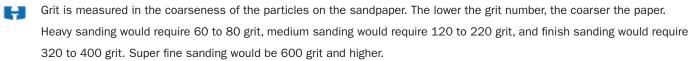


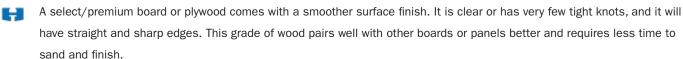
Materials

Item	O ty	
2x4 Wood, cut to size (I used pine)	1	
Painter's Tape	1	
Marker	1	
Metal Ruler	1	
Sanding Sponge	1	
Walnut Wood Stain	1	
Polyurethane	1	
Shop Rag	1	
Paint Brushes	2	
Wood Glue	1	

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



Miter Saw



or Circular Saw



Drill/Driver



Orbital Sander



Drill Bits



Rotary Tool



Tape Measure

Also Needed: **Clamps**



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



Assembly Instructions

Step 1

Cut the 2x4 to the width you want the pen display to be.

Step 2

Cut a second piece of the 2x4 to the same width.

Step 3

Rip the second piece in half lengthwise.

Step 4

Sand all sides of both pieces, and wipe clean with a cloth.

Step 5

Apply a strip of painter's tape across the top of each wood piece.

(This helps decrease splitting when drilling.)

Step 6

Decide how far you want your pens to be spaced apart and mark the spots with a marker and a metal ruler.

(I made my pen holes one inch apart for easy measuring.)

Step 7

Secure the wood blocks to a table using clamps.

Step 8

Starting with a small drill bit, drill halfway through the wood block on each dot.

Step 9

Work your way up with larger drill bits until your pens fit snuggly inside. (Don't go from the small bit right to the large one because it could cause the wood to split around the holes. Work your way up by drilling slightly wider holes until you reach your desired size.)



Step 10

Remove the tape, then sand the inside of each hole with the rotary tool to ensure a smooth surface for your pens.

Step 11

Apply a wood stain and finish with two coats of polyurethane.

Step 12

Optional: Add felt or rubber cabinet stoppers to the bottom to protect your table surface and to also prevent sliding when on display.