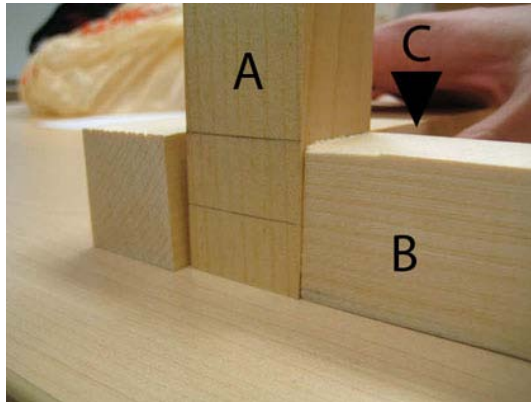


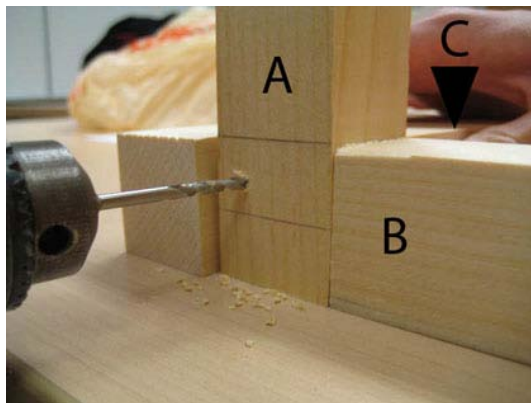


Multi-Touch Table: Construction

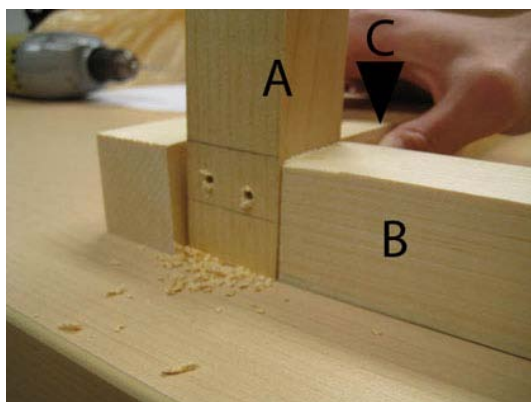
STEP 1: Build the base...



Place one piece of 'A' vertically with one piece of 'B' and 'C' horizontally at its base.



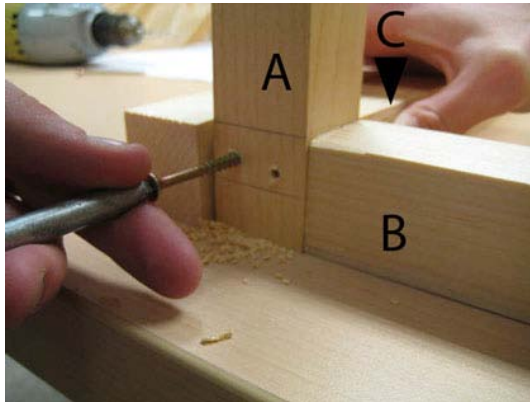
Using the Electric Drill, drill two holes into A at its base so that they go through A and into B.



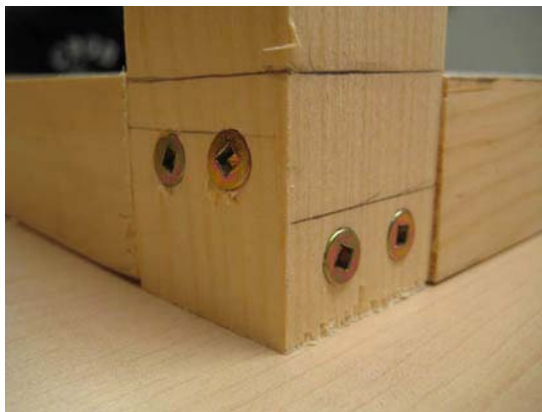
Drill two more holes on the other side of A and into C.



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Using the Screwdriver, screw all three pieces together through the holes that were just created.



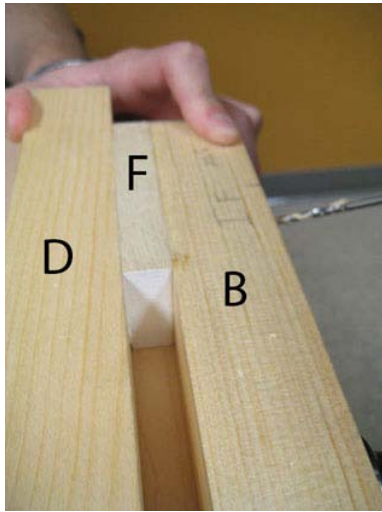
All three pieces should now be joined.



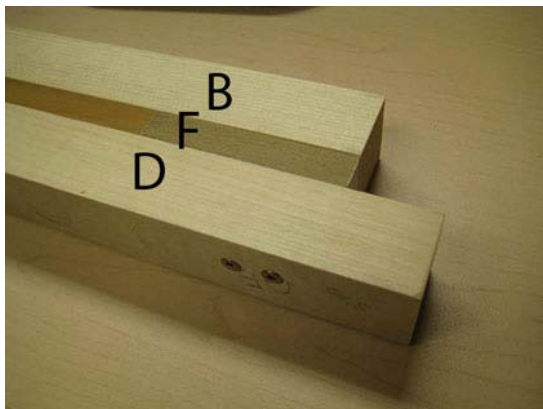
Repeat the same process to create the other corner of the base. Screw the two corners that were just built together using the same process.



STEP 2: Build the top...

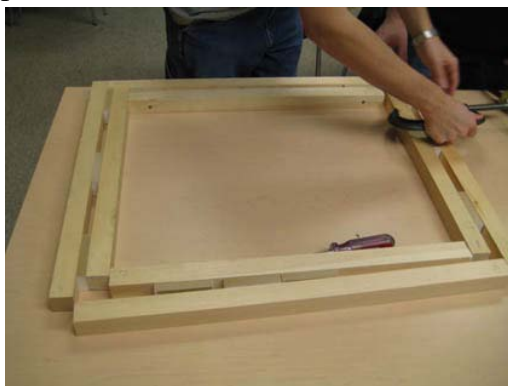


Place B parallel to D with 3 pieces of F evenly placed between them for support.



Using the screwdriver, screw 2 screws in between the 3 pieces of F and D and B.

Repeat this step using the remaining pieces of D and B. Repeat this step using C and E with 3 pieces of F in between.



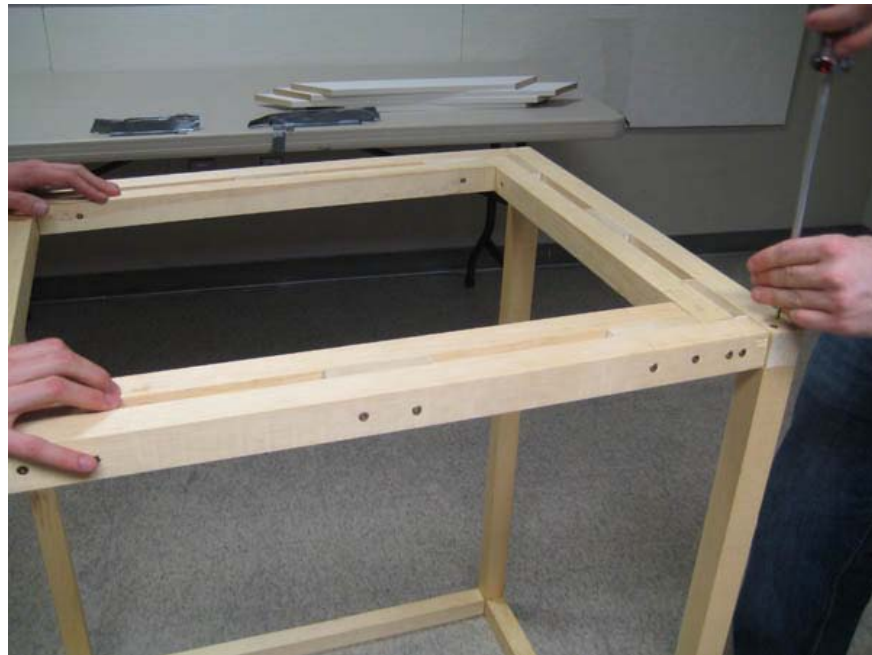
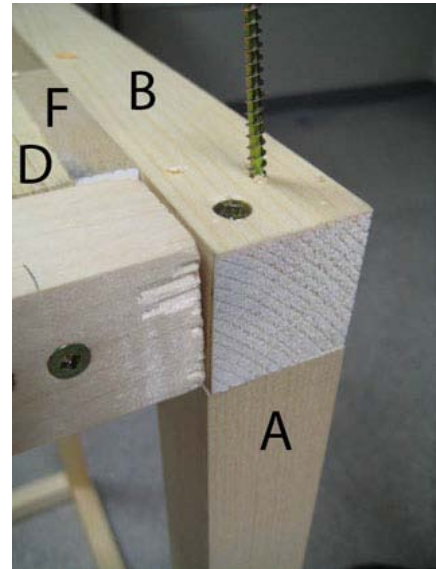
Once all 4 sides of the top have been screwed together, screw all of the sides together to create a rectangular frame.



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STEP 3: Attach the top to the base...

Place the completed top piece on top of vertical A pieces on the base. Using the screwdriver, screw 2 screws vertically down into each corner of the top.





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STEP 4: Place the diffuser and Plexiglas...

Cut the diffuser sheet so it can be taped to the top frame. Affix the diffuser sheet by duct taping along each edge. You could also use a staple gun. It's important the sheet is stretched tight across the frame ripple free; any sag may hurt your touch-screen and display performance. Next, you will attach the top paneling, which blocks in the plexiglass and keeps it from sliding around. The Plexiglas pane lies unaffixed on top of the frame.





STEP 5: Attach top frame...

Position the top frame pieces around the Plexiglas. Use the screwdriver to drive 2 screws vertically down into the corners of each of the frame pieces. Now, all that is left to do is to screw the side paneling on. We recommend about three screws on each of the four sides of each panel. Lots of screws...





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NOTE: While trouble shooting, for purpose of accessing your internal components, leave one side panel off. If desired, you can affix hinges to this panel and create a door. In the BitBox, the door panel has blocks that fit exactly into the frame, and rely on friction (see image in Step 2 "Placement..." of the Hardware section).

NOTE: Optional (though recommended) additions include a cord port and a heat vent, made of an outlet frame and a ventilation frame. In our case, both are affixed to the side panelling using an adhesive called No-More-Nails. However, before you do this, go ahead to the Hardware section to see how to set up your internal components. Then, you can see how everything is set up inside and decide what kind of ports you would like to add, if any.