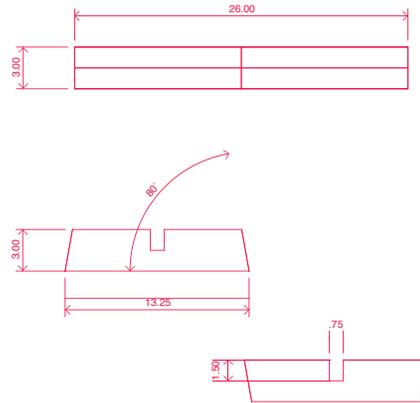
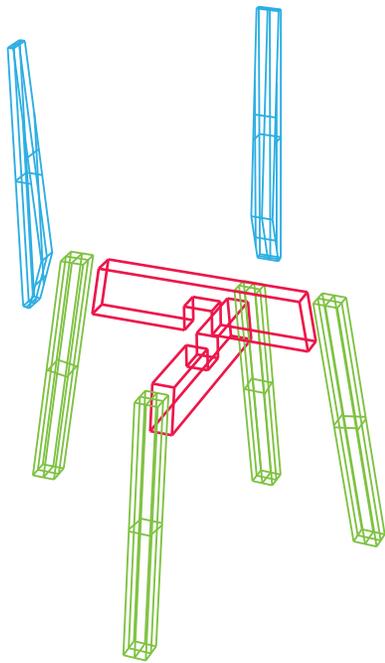


The One Two By Four Chair: Instructions

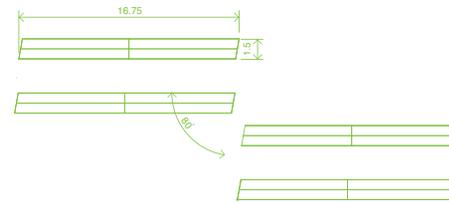
It's common knowledge that 2x4's aren't actually 2x4. In fact, the dimension of a standard 2x4 is closer to 1 1/2" x 3 1/2" x 96". However, this is just enough material to produce a pretty nice chair. With these instructions you can build a chair for about the price of a cup of coffee.



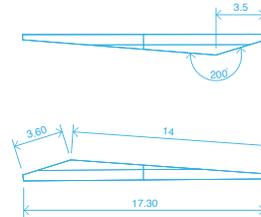
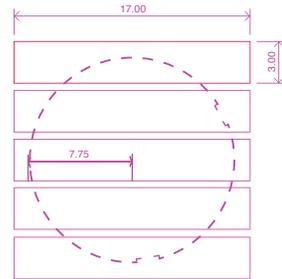
Begin by trimming the rounded corners of the 2x4, taking off as little material as possible. Make the cross cuts with the bandsaw, dividing each of the color coded sections. Out of the sections indicated in red, rip the pieces that will become the cross, the backrest, and one of the slats you will later glue up to form the seat. The cross pieces should be cut to a 3/4" width. Save a piece with the width of 3/16" for the backrest, and a 1/4" wide piece, which will be glued up with the other components indicated in purple to form the seat. In order to make it easier to bend the backrest into place (the last step in the process), soak this piece in warm water to avoid cracking.

Attach the legs (in green) to the cross piece (in red). Attach the back supports (in blue) the back of the legs. When cutting the seat, make two small notches (1/4") to register the back supports to the seat.

Drill pilot holes and attach all the components with 1 5/8" drywall screws. Out of the pieces indicated in purple, rip 4 1/2" x 3" x 17" pieces (added to 1/4" piece taken from the red section), and glue and clamp these together. Trim to shape to create the seat.



Once the chair is assembled, you may choose to fill screw holes and paint the piece. With a little DIY knowhow, this project can be completed in about an hour or two.



Minimal Tool Requirements: bandsaw, clamps, drill

Recommended Tool Requirements: bandsaw, clamps, drill, tablesaw, radial arm saw

This design is for free use, and may be modified, adapted, or built upon.

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