

On their own or as a companion to the kids table, this chair is sturdy and easy to build.

Miller Dowels required

8 – 2X Miller Dowels
1 – 2X Miller TruFit Drill bit

8 – 1X Miller Dowels
1 – 1X Miller TruFit Drill Bit

12 – Mini-X Miller Dowels
1 – Mini-X TruFit Drill Bit

CUT LIST

QTY	NAME	MATERIAL	DIMENSIONS
2	Front Legs	Maple	3/4 x 1 1/2 x 11
2	Back Legs	Maple	3/4 x 1 1/2 x 22
2	Side rails	Maple	3/4 x 1 1/2 x 8
4	Cross pieces	Maple	3/4 x 1 1/2 x 10 3/4
6	Seat Slats	Maple	3/4 x 1 1/2 x 11

DIRECTIONS

Preparing the parts

1. Cut all pieces to size using the cut list as a guide.
2. Sand all pieces with progressively fine sandpaper, finishing with #240.

Assembling the sides

3. Glue and clamp the front and back legs to the side rails as shown, repeating for each side.
4. When dry, remove the clamps and locate the centers of the holes for the 2X Miller Dowels.
5. Drill pilot holes using the 2X Miller TruFit Drill Bit.
6. Apply glue and install the dowels. When dry, cut the protruding dowels flush with a trim saw.

Joining the sides with cross pieces

7. Glue and clamp the sides together with the cross pieces in place as shown in the illustration.
8. When dry, remove the clamps and locate the centers of the holes for the 1X Miller Dowels.
9. Drill pilot holes using the 1X Miller TruFit Drill Bit.
10. Apply glue and install the dowels. When dry, cut the protruding dowels flush with a trim saw.

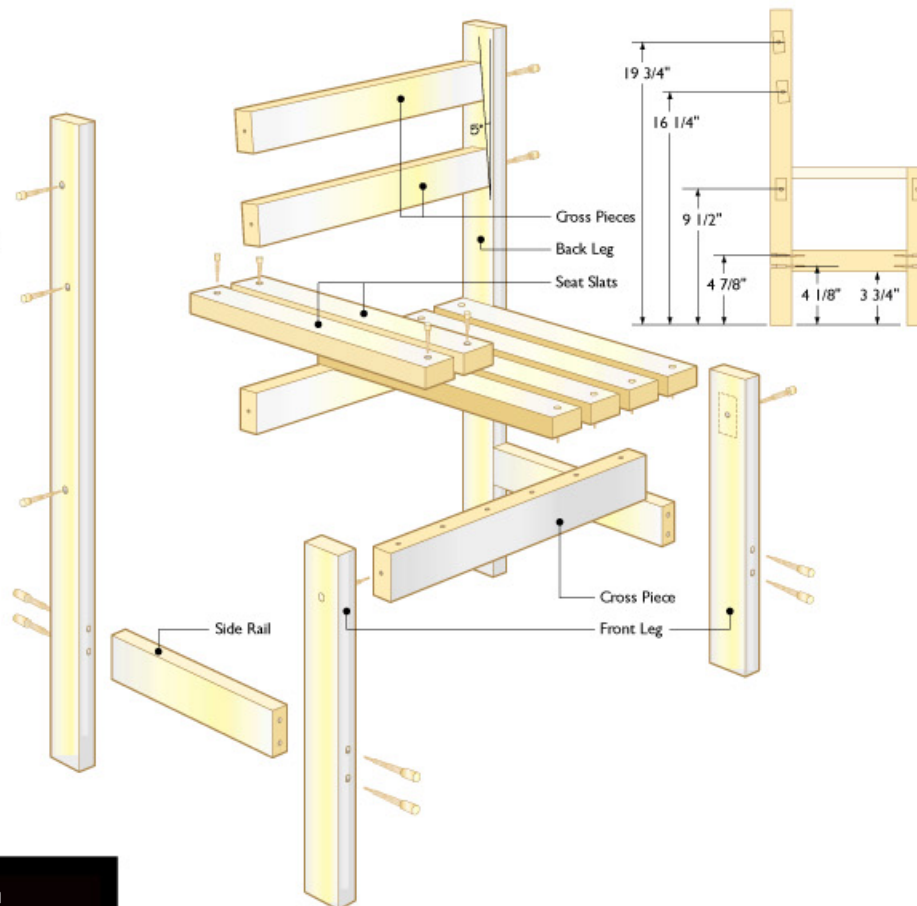
Adding the chair slats

11. Apply glue to the bottom edge of the chair slats and position them on the cross pieces, leaving a uniform space between the slats. Clamp the slats to the cross pieces.
12. When dry, remove the clamps and locate the centers of the holes for the Mini-X Miller Dowels.

13. Drill pilot holes using the Mini-X Miller TruFit Drill Bit.
14. Apply glue and install the dowels. When dry, cut the protruding dowels flush with a trim saw.

Finishing

15. Sand all dowels flush.
16. Sand off any glue that has squeezed out of the joints.
17. Lightly round all corners and edges with a piece of folded #180 sandpaper.
18. Apply your favorite finish, following the instructions provided with the finish.



Project design by Michel Theriault
Illustration by Len Churchill



KIDS' CHAIR PLAN