

STILES

Materials and Cost (from Lowes unless otherwise specified):

Item	Cost Each	Quantity	Total Cost
2"x 2"x8' pine supports	1.87	1	1.87
2"x3"x 6" pine foot rest	0.116	2	0.23
Bolts, 1/4, 20, 4 1/2	0.3119	4	1.2476
Washer 1/4	0.0379	8	0.3032
Lock Washer	0.0152	4	0.0608
Wing Nuts	0.0572	4	0.2288
		Total :	\$3.94

Notes:

drill jig , no charge
drill bits, no charge

District Supplied Items:

miter saws (10)
miter boxes (10)
hand drills (10)
C-clamps to hold the jig to the table? (10)

Skills:

Cross-cutting
Drilling
Assembly

Instructions

1. Measure and cut the 2" x 2" x 8' in two equal pieces. These are the legs



2. Mark each piece with your name
3. Insert each leg into the jig fully and use the wedge to secure. Drill 5 holes in each stilt leg (marked in red on the jig). After the first hole, insert the dowel into the hole through the leg to hold the leg in position.
4. Insert the foot piece into the jig fully. Use the same jig to drill 2 holes in the foot piece (marked in blue on the jig) NOT ALL 5 !!!
5. Remove the foot piece, turn it around, and put it back in the jig. Drill the same two hole locations on the jig (marked in blue on the jig)
6. Measure and cut the 2" x 3" x 12" foot piece in half. Mark each piece with your name.
7. Use the hardware provided to bolt together
8. Use the tape provided to wrap the handle if needed



