

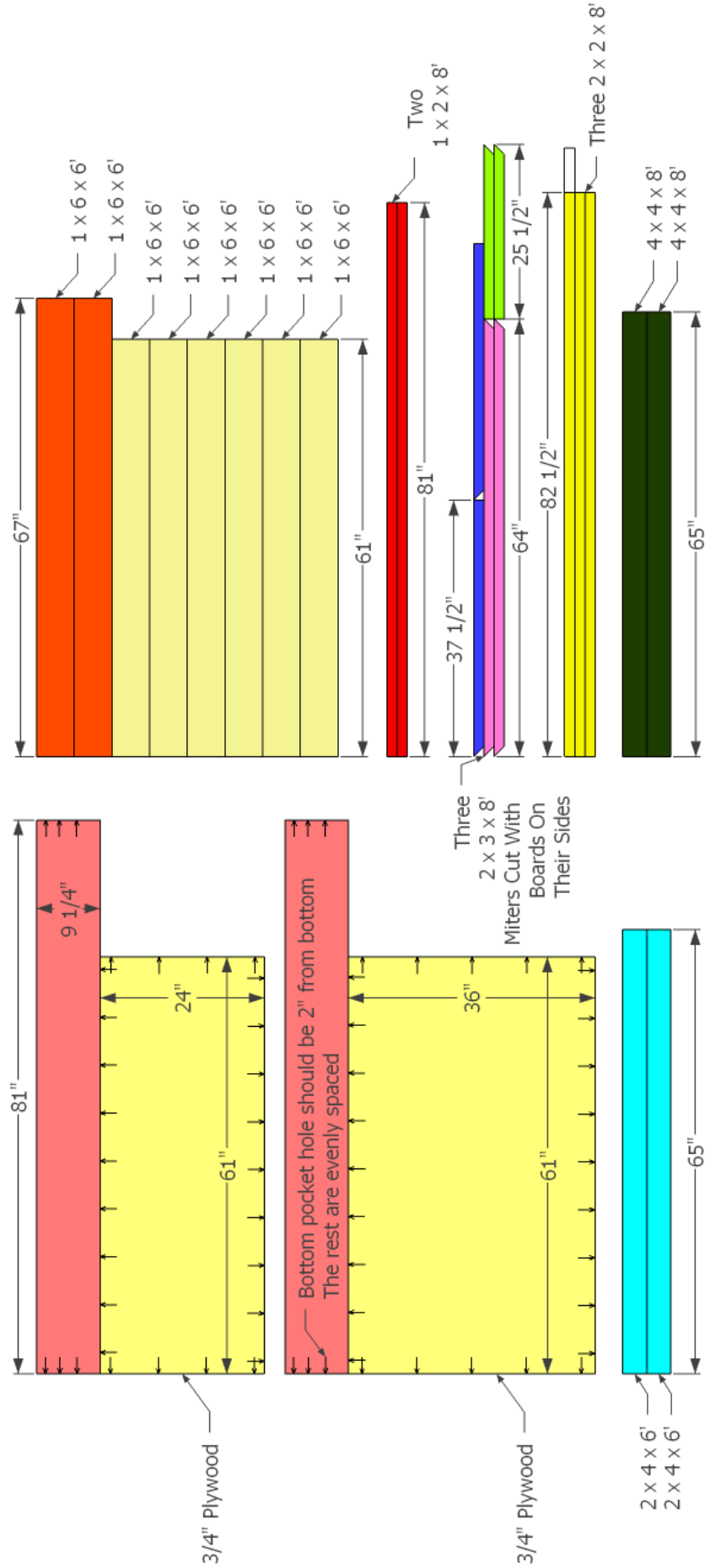
DIY Queen Size Bed

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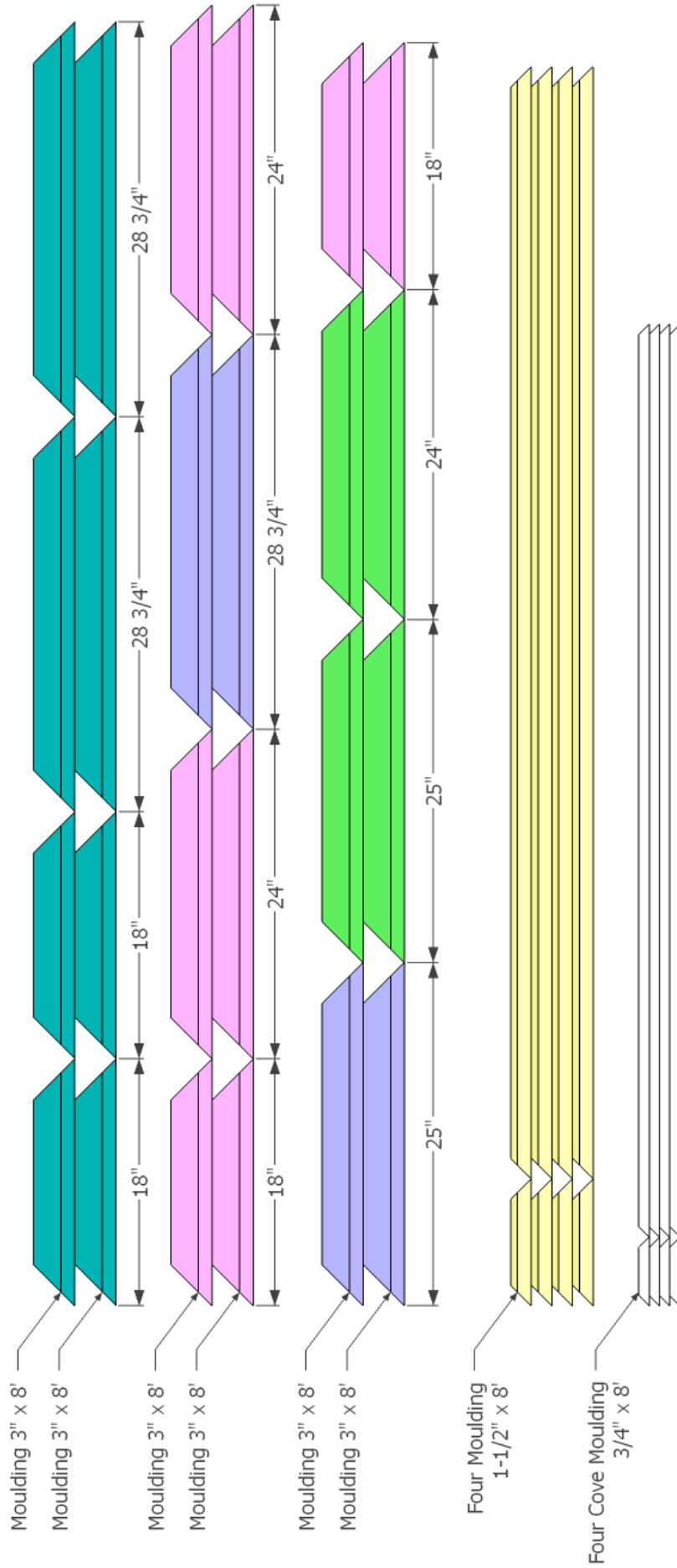
Supply List

Item	Quantity	Description
3/4" x 4 x 8' plywood	2	Hardwood plywood
2 x 4 x 6'	2	Pine or whitewood board
1 x 6 x 6'	8	Pine or whitewood board
1 x 2 x 8'	2	Pine or whitewood board
2 x 3 x 8'	3	Pine or whitewood board
2 x 2 x 8'	3	Pine or whitewood board
4 x 4 x 8'	2	Non treated pine
Moulding 3" x 8'	6	
Moulding 1-1/2" x 8'	4	
Cove moulding 3/4" x 8'	4	
Feet	4	You can find bun feet at most home stores
2-1/2" wood screws	handful	
1-1/4" pocket hole screws	66	
Brad Nails	A lot	For all of the trim and a few here and there
Wood glue		
Finish of choice		

Drill pocket holes for 1-1/4" pocket hole screws as indicated by the arrows.
The mitered ends on the 2 x 3 boards are cut with the boards on their side.

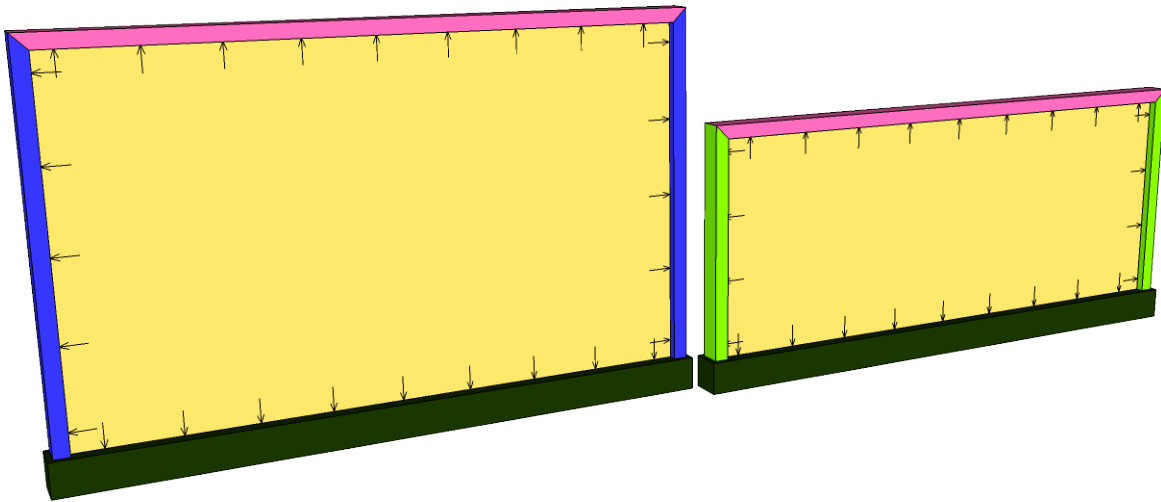


All molding should be measured and cut to fit as you go. However these are the sizes if everything goes as planned. Cutting in this order with your measurements will ensure that you will get all of your pieces in the least amount of material. All angles are 45 degrees.



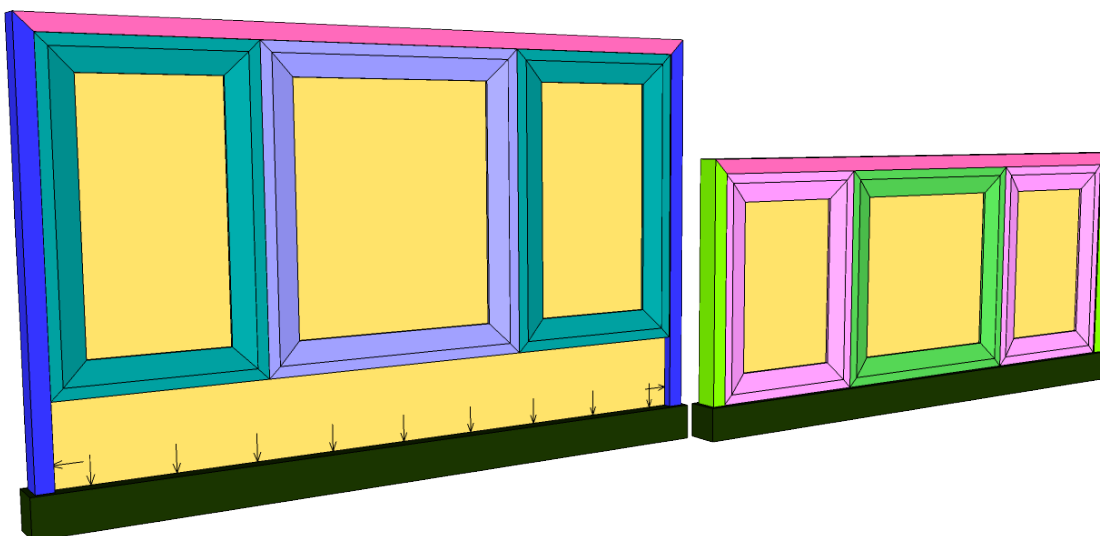
1

Assemble the headboard and footboard. Start with the top and side mitered pieces. Lay everything flat and elevate the plywood panel with a scrap piece of 1 x material. Secure everything with glue and 1-1/4" pocket hole screws. Then attach the assembled panel to the 4 x 4 bases. The panel should be centered left to right and the 2 x 3 frame should be centered front to back.



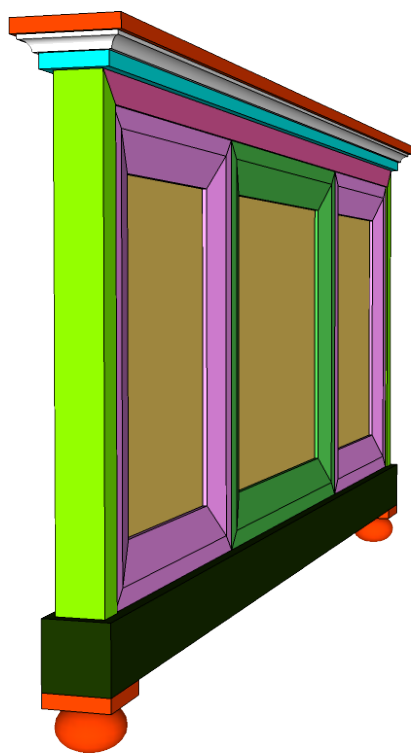
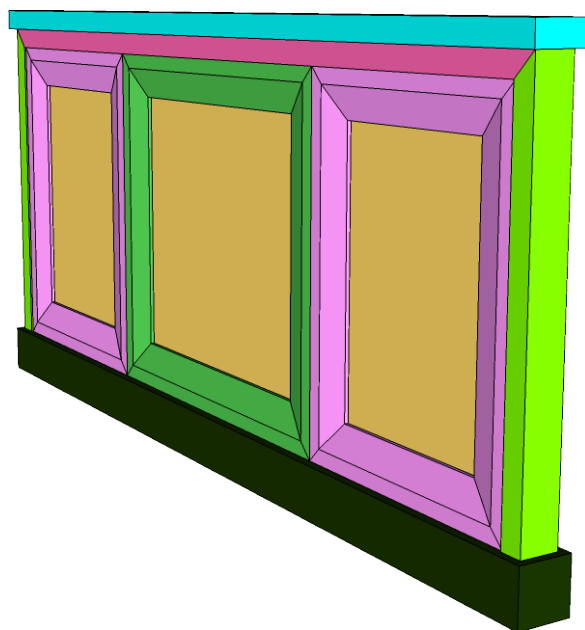
2

Add the inset frames. Measure and cut as you go. It is easier to make two frames that are identical for the sides and a larger frame to fill the middle than it is to try and get all three frames to be the exact same. Glue and brad nail these into place. 3" wide moulding should cover the pocket holes. The headboard frames are taller than the footboard frames but do not go all the way down as they will never be seen that low.



3

Add the top 2 x 4 piece to both the headboard and footboard. Use glue and regular 2-1/2" wood screws to attach it. Pre-drill to prevent splitting.



4

Center the 1 x 6 trim board on top. There should be a 1" overhang on all sides. Use glue and brad nails to secure it. Then cut and install the 3/4" cove moulding around the 2 x 4 with glue and brad nails. Also, add any type feet that you choose to use.

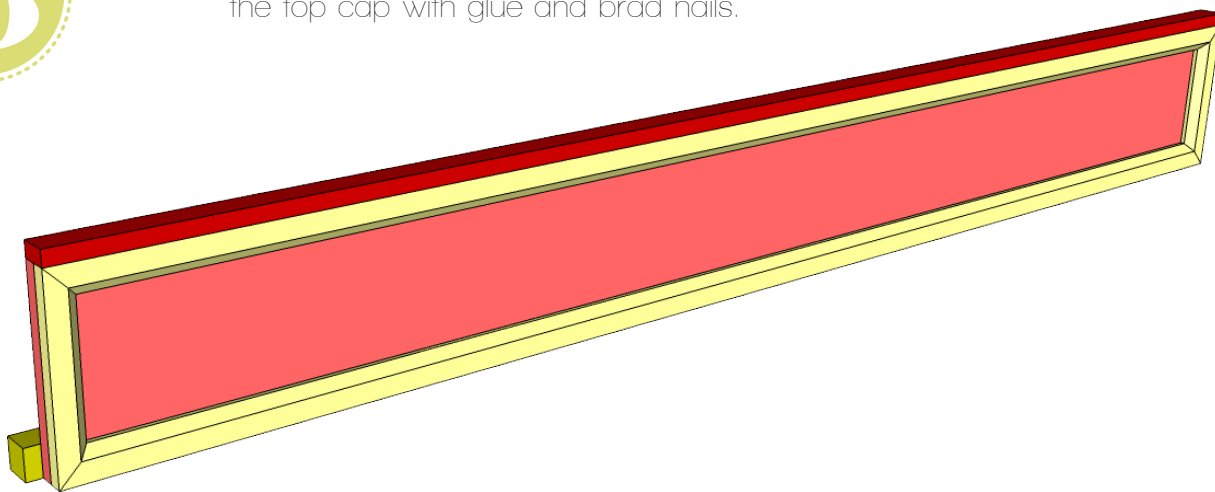
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Assemble the two rails. Attach one of the 2 x 2 slat supports to each of the side rails on the same side as the pocket holes. This overhangs the ends by 3/4" on both sides. Use glue and brad nails from the other side to secure it.



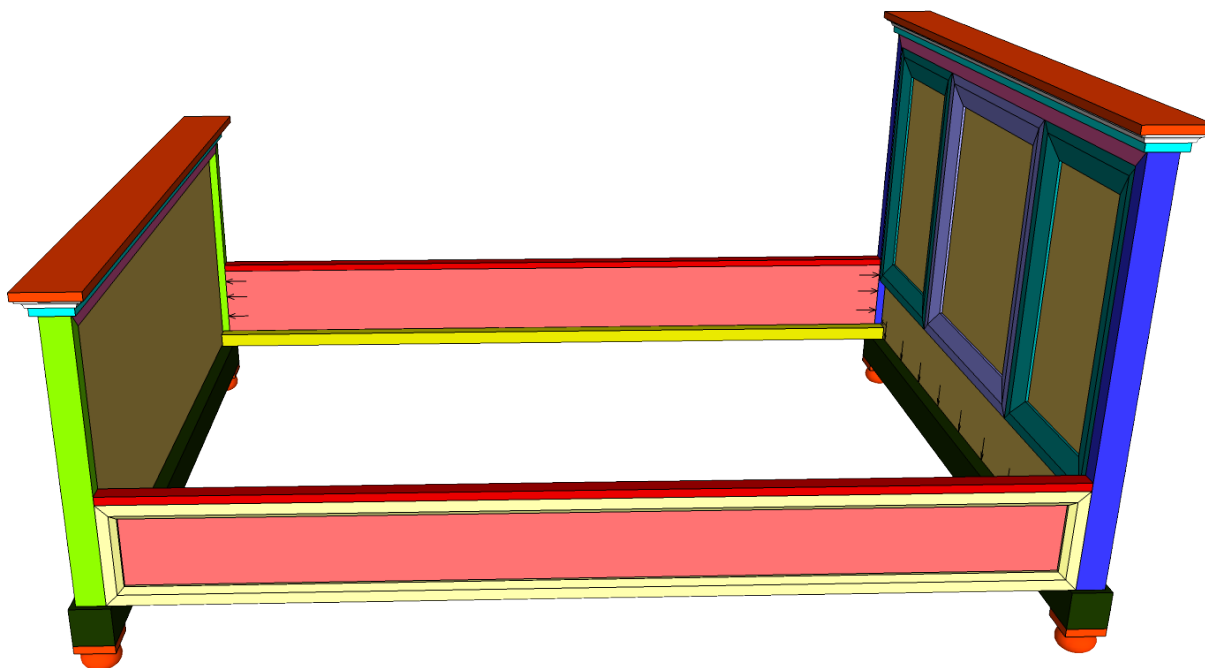
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On the other side of the rails add the moulding and the top cap with glue and brad nails.



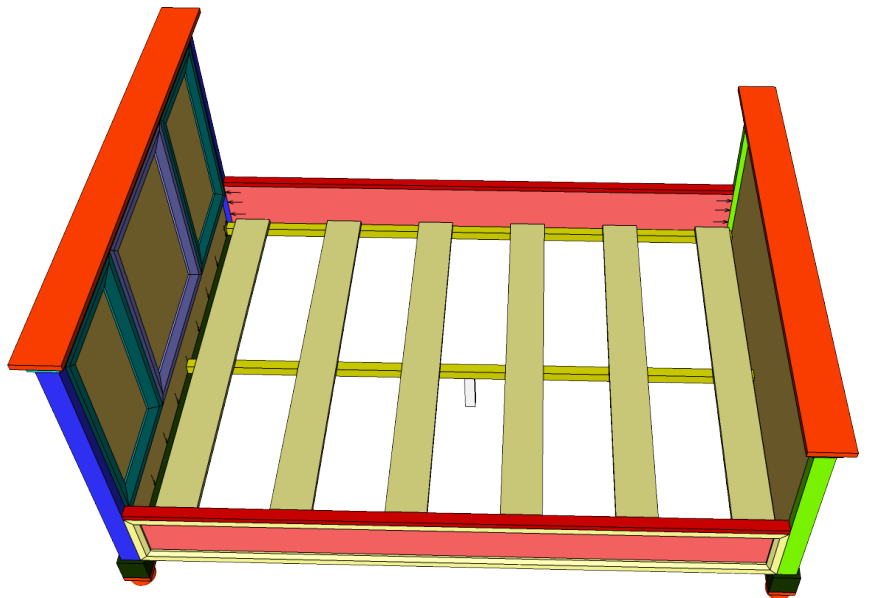
7

Before attaching the rails to the bed sand and finish the entire bed as you wish. The 2 x 2 slat support board on each rail should rest on top of the 4 x 4 bases and snug against the 2 x 3 frame pieces. Secure the rails with pocket hole screws and no glue. Do not over tighten these screws. You can also use longer pocket hole screws in this location if you prefer. Also, predrill on an angle from the 2 x 2 slat support into the center of the 4 x 4 bases and a 2-1/2" wood screw.



8

Add the center slat support. Measure the height needed for the center 5th support leg and cut it out of the left over 2 x 2 material. Pre-drill and secure it to the bottom of the center slat support with a 2-1/2" wood screw.



9

Add the rest of the slats and your mattresses and enjoy your new bed! Remember that if you decide to make one of these be sure to stop by our website and let us know!

