

### ***Lumber***

2 – 1"x6"x8' Pine  
2 – 1"x2"x8' Pine  
2 – 1"x2"x8' Pine (for the slats)  
1 – 2"x4"x8' Pine (Premium Studs work well)

2 – 1"x4"x8' Pine (necessary for double beds on up)

### ***Hardware & Finish Supplies***

1-1/4" Pocket Hole Screws or  
1-1/2"#8 Wood Screws  
1" Trim Nails  
2" Trim Nails  
80-,100-,150-grit Sandpaper  
If painting: Primer, Paint, Brush  
If staining: Wood Conditioner,  
Stain, Polyurethane finish.

### ***Necessary Tools***

Saw: Either handsaw or powered miter saw  
Hammer  
Electric Drill, corded or cordless  
Countersink Bit  
#2 Phillips screwdriver or bit

### ***Make-It-Easy Tools***

Kreg Pocket Hole or similar jig  
Power Sander

### ***Estimated Time To Complete***

One Day

## **The Kid's Bed Frame**

This simple bed frame is designed to be simple to build, offer multiple options for finishing, and scales quickly for larger and smaller beds. Dimensions for a child's bed – about 60" by 29" – are included but instructions on how to calculate your dimensions have been included.

The frame can be used by itself or attached to a headboard/footboard combination. It's up to you really – you don't own it unless you change it!



Remember, woodworking is an inherently dangerous activity. Please read and understand the manuals for all your power tools and follow safe shop practices at all times. Wear protective eyewear at all times and hearing protection when using power tools. The difference between a gorgeous project and a cut-off finger is an attentive woodworker.

**Step 1:** Measure your mattress's length and width. Calculate the length of the side rails and head/footboards using the following formulas:

*Side Rail A = Length of Mattress + 1 ½ in.*

*Side Rail B = Length of Mattress*

*Head/Footboard A = Width of Mattress*

*Head/Footboard B = Width of Mattress – 1 ½ in*

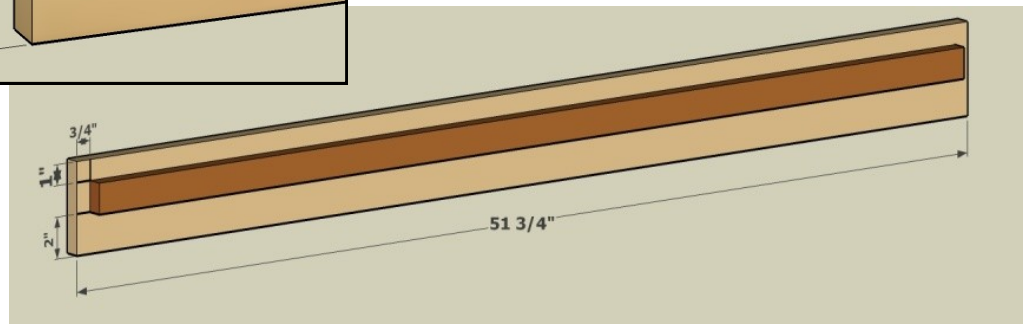
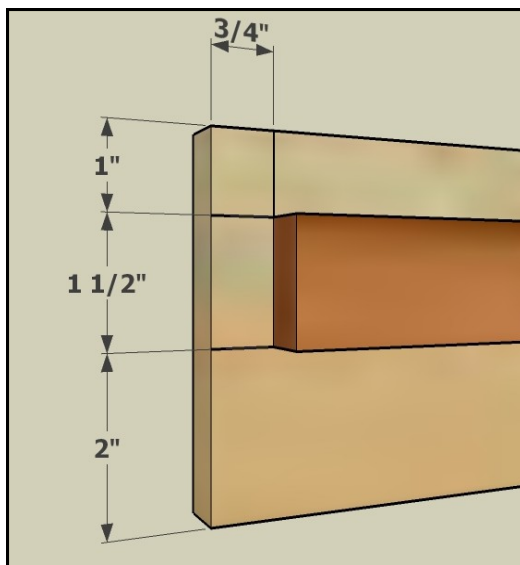
For a kid's bed frame, use the following dimensions:

Side Rail A = 51 ¾"

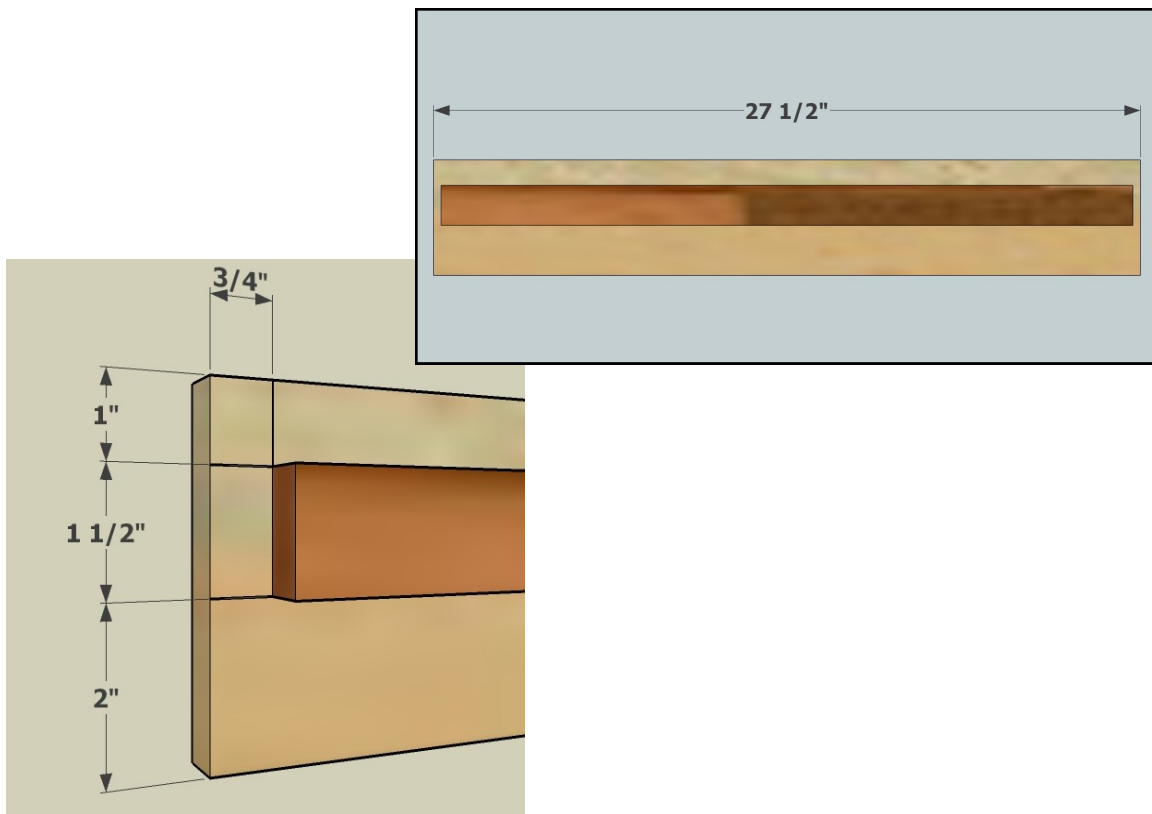
Side Rail B = 50 ¼"

H/F A = 27 ½" H/F B = 27 ½"

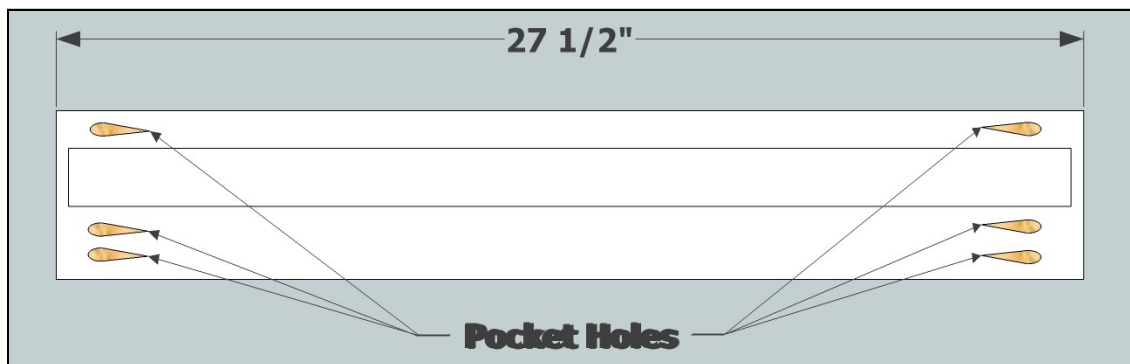
**Step 2:** Cut a two (2) Side Rail A's to length from 1x6 stock. Cut two (2) Side Rail B's to length from 1x2 stock. Spread wood glue on Side Rail Bs. Nail Side Rail B to Side Rail A as shown below using 1" trim nails.



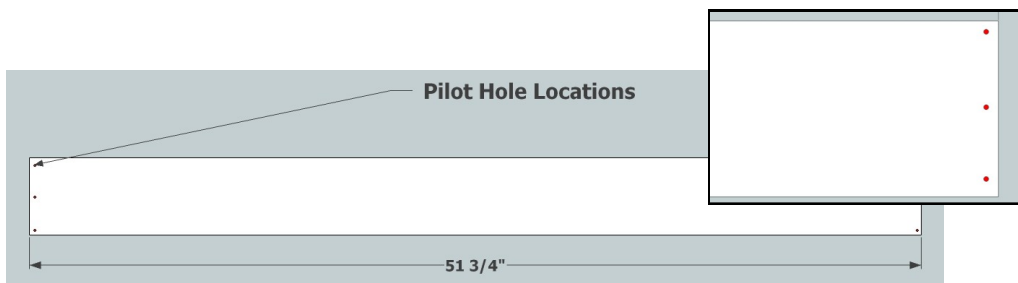
**Step 3:** Cut two (2) Head/Footboard A from 1x6 stock. Cut two (2) Head/Footboard Bs from 1x2 stock. Spread wood glue onto Head/Footboard B. Nail Head/Footboard B to Head/Footboard A as shown.



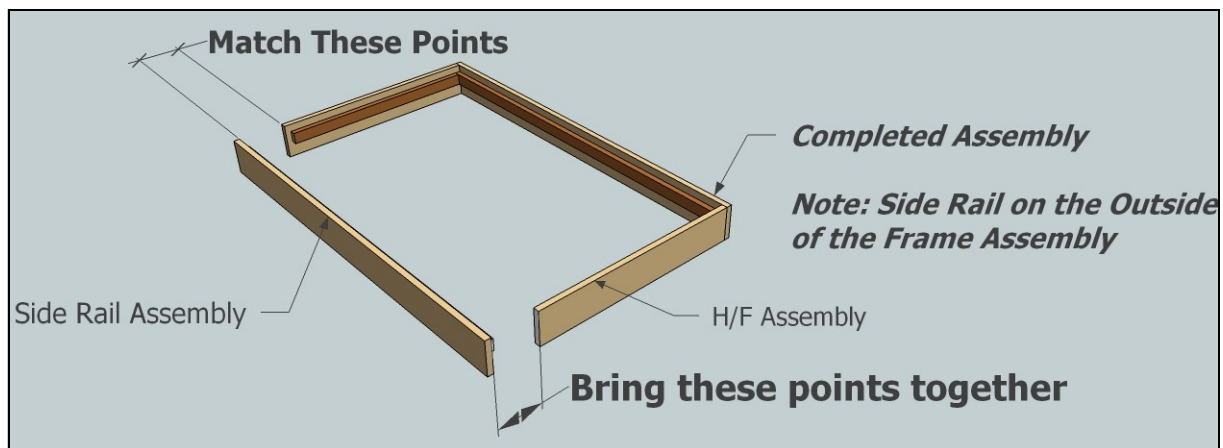
**Step 4:** If you are using a Kreg Pocket Hole jig, or any other pocket hole jig, drill six pocket holes into the Head/Footboards as shown below. Follow your pocket hole jig's directions for proper set up—this illustration serves as a guideline only.



Otherwise, drill six pilot holes as indicated into your Side Rail assemblies. Use a countersink to create a finished look.



**Step 5:** Assemble the frame. Notice the Side Rail assemblies overlap the Head/Footboard assemblies.

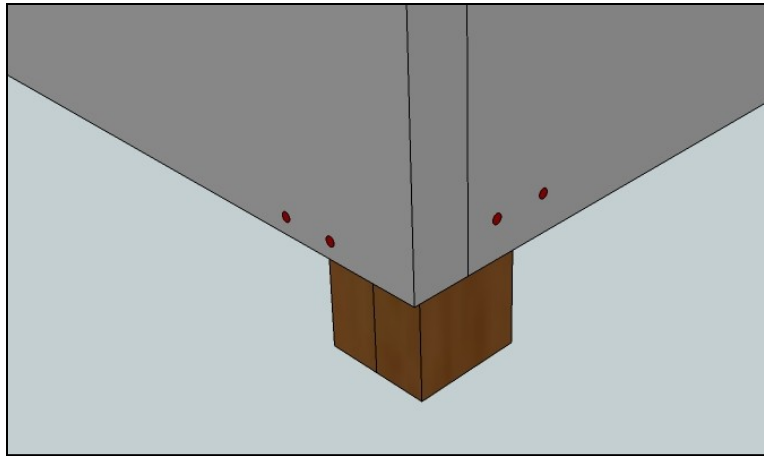


**Step 6:** Cut eight (8) 6" long sections of 2x4 stock. Nail two sections together to make (4) four bed frame legs using wood glue and 2" trim nails. Drill small pilot holes first to minimize splitting.

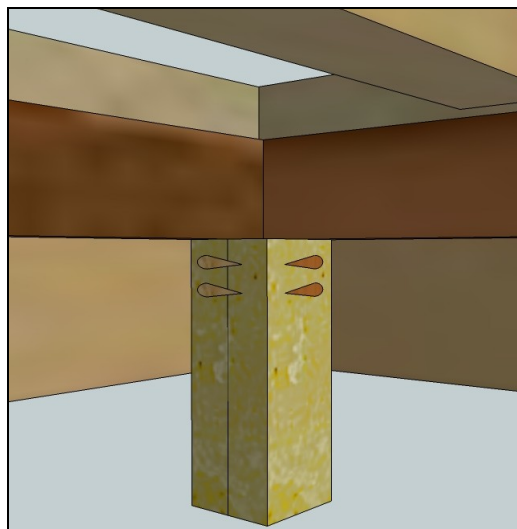
If you are using a Kreg Pocket Hole jig, or any other pocket hole jig, drill two pocket holes as indicated onto the four (4) legs of the bed frame.



Otherwise, drill four (4) pilot holes in each corner as indicated. The holes are offset so the screws do not interfere with each other.



**Step 7:** Attach the legs to the corners of the bed frame as shown using pocket hole screws or wood screws.

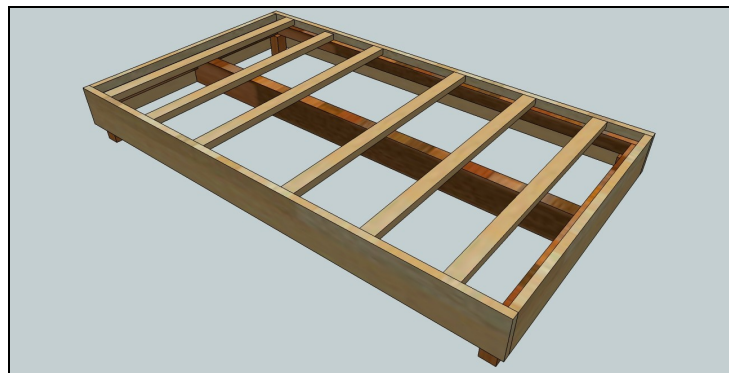


**Step 8:** If you are using a box spring, cut seven (7) slats from 1x2 or 1x4 stock the same length as Side Rail B. Place slats onto frame as shown in the illustration. If you will use only a mattress, cut as many slats as necessary for minimum sag.

**Step 9:** Finish bed frame as you wish, whether paint, stain or other. Sand the frame with consecutive grit sandpaper (80-, 100-, 150-grit), then following proper finishing procedure for your chosen finish.



**One Last Note:** If you want to build a double sized bed or larger, you should include some sort of stretcher.



Thank you for checking out the Kid's Bed Frame Plan. If these plans interest you, please send an email of support to [woodshopcowboy @ gmail.com](mailto:woodshopcowboy@gmail.com). If you have any questions, email me also. Continue to support [www.woodshopcowboy.com](http://www.woodshopcowboy.com) & like [WoodshopCowboy on Facebook](#) too.