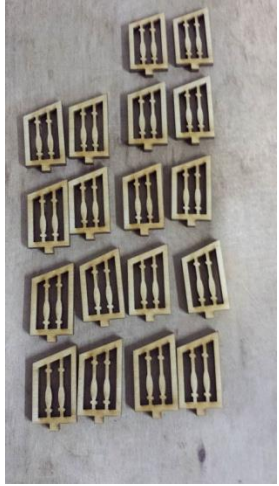


# Spiral Stairs Assembly Instruction

## By Laser Dollhouse Designs



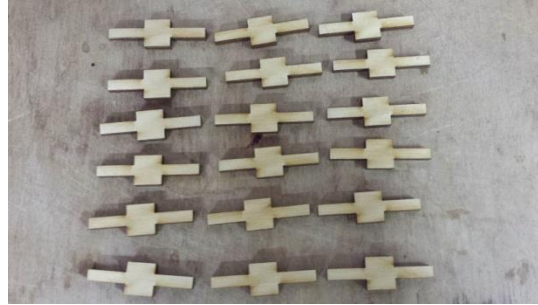
# Parts for assembly



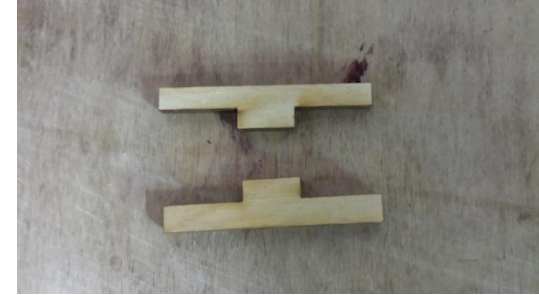
18 Handrails



18 Treads



17 Risers double notch



1 lower Risers (larger of two)  
1 Upper Riser (Smaller of two)



1 landing



1 assembly support/  
cutout guide



1 center  
support rail

## ASSEMBLY

Step 1. Locate center support and place next to the house floors where you plan to insert the stairs. See figure 1

Step 2. Mark the height below the upper floor. See figure 2



Figure 1

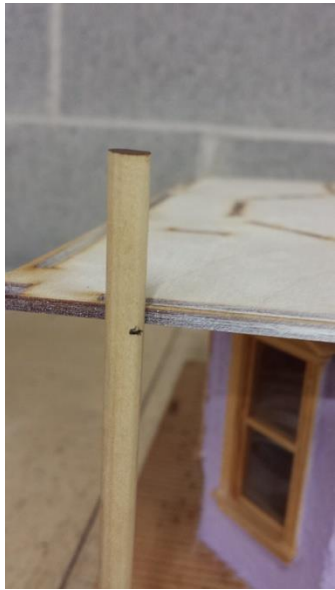


Figure 2

## ASSEMBLY

Step 3. Cut the dowel above your mark leave a little extra as it is always better to sand down if to tall later after assembly. See figure 3

Step 4. Take the assembly support/ cutout guide and lay on the upper floor of the dollhouse where you plan to install the stairs and mark the center circle as seen in figure 4

Step 5. Drill out the mark (again this is the upper floor where the stairs leads to) once you have the hole drilled out insert the dowel through the hole and mark the bottom floor so that both floors are in alignment. Finish by drilling the bottom floor.



Figure 3



Figure 4

## ASSEMBLY

Step 6. Position the assembly support/ cutout guide on the upper floor where you drilled the hole and determine the landing you want that will lead out from the stairs and mark as seen in figure 5. Recommend that you wait to cutout until stairs are assembled just to double check you landing plan to the upper floor.

Step 7. Take the assembly support/ cutout guide and lay on a flat surface. Next insert the dowel into the center hole. **DO NOT GLUE THESE TOGETHER!!!** see in figure 6 This will help keep the stairs level during assembly. Once assembly is done the assembly support/ cutout guide will be removed.



Figure 5



Figure 6

## ASSEMBLY

Step 8. Using the lower riser (the bottom part and larger of the two) Figure 7, and a tread Figure 8, glue to the left side as seen in figure 9. Make sure the tread circle angle is to the left when the round hole is facing up. See note below.

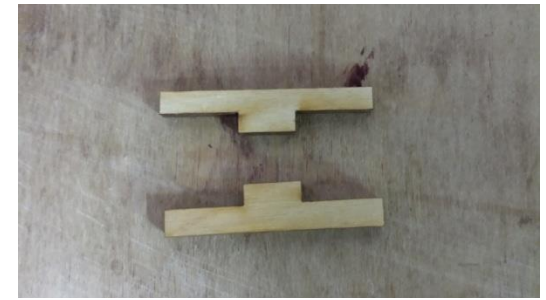


Figure 7



Figure 8

Note: Tread facing up and notch to the left, riser glued to the bottom left side.



Figure 9

## ASSEMBLY

Step 9. Using the remaining risers with two tabs (figure 10) and remaining treads glue them together with the risers on the bottom left side. Figure 11 You should have when done 17 assemblies with risers having a bottom tab and one without a tab along with the upper final riser and final landing. Figure 12



Figure 10



Figure 11



Figure 12

## ASSEMBLY

Step 10. With the center support dowel still in the holder, take the step assembly with no bottom tab and insert from the top (figure 13) of the dowel and slide down to the bottom. Make sure dowel is straight up and down and step assembly is flush to the bottom. Figure 14 Using superglue, glue step ring to dowel. **DO NOT GLUE THE SUPPORT AS IT IS NOT PART OF THE STAIRS!!!**



Figure 14



Figure 13



## ASSEMBLY

Step 11. Run superglue along the edge where handrail will be placed (figure 15) and install handrail. Figure 16

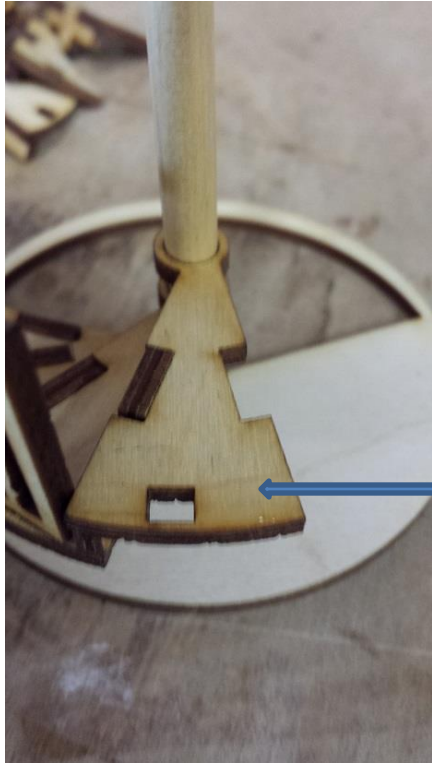


Figure 15

GLUE!!!



Figure 16

## ASSEMBLY

Step 12. Run superglue along the right edge of your first assembled step. Figure 17 Next take one of the 17 assembled steps with a tab (figure 18) and insert on dowel and slide down and join to the lower step. Figure 19. Make sure that the front riser meets up with the lower steps handrail. You may have a small gap in the cutout middle of the step. This is fine as it is more important that the riser and rail align in order to meet the next step assembly.



Figure 18

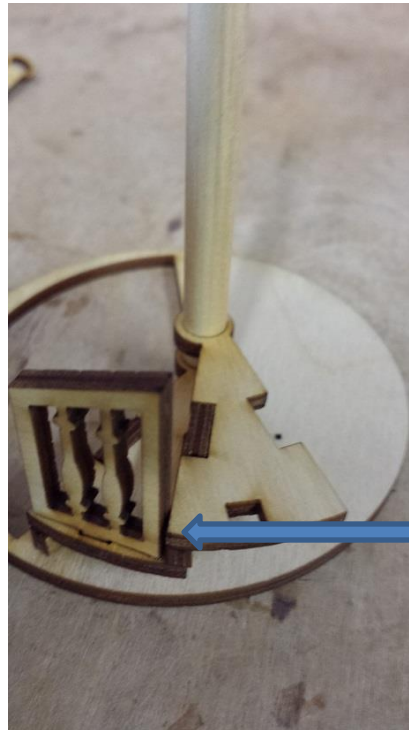


Figure 19

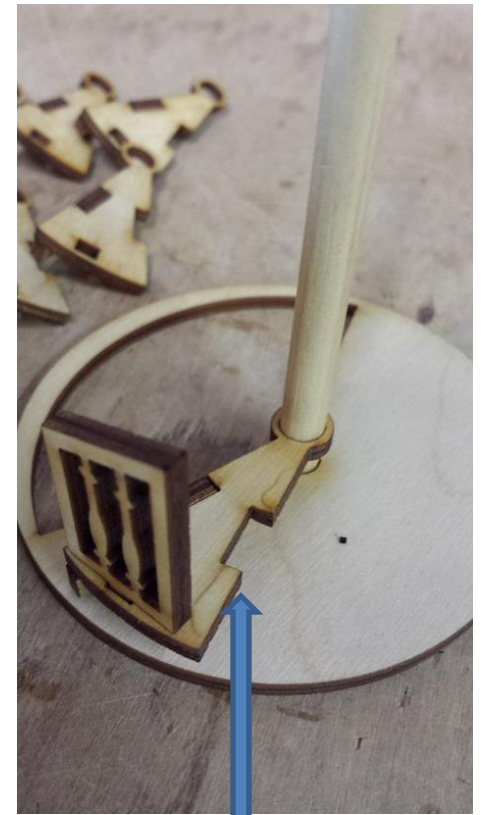


Figure 17

GLUE!!!

**Should meet up together!!!**

## ASSEMBLY

Step 13. Repeat steps 11 and 12 until you reach the top and have approx. a half inch of space left. Figure 20. At this point remove the stairs from the assembly support/cutout guide circle and place next to the house. Using the remaining parts determine how your going to end the stairs. Either with a riser or the landing. Figures 21 and 22. This will depend on the ceiling height for which you will end with and is the reason we did not cutout the upper floor yet.

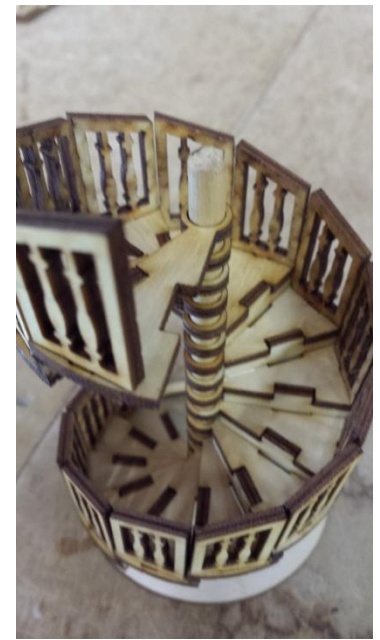


Figure 20



Figure 21



Figure 22

## ASSEMBLY

Step 14. As you can see in figure 23 mine for the roof height of just under 5" ended with a riser, my landing will thus be the upper floor. Our next step is to look at the way you want to position the entrance to the stairs in your dollhouse. Once determined look at how your exit will be and draw out that on the upper floor using the cutout guide and finally cutout the upper floor opening. Make sure your happy with the exit angle as you are with the entrance. The stairs upper step assembly will align to the right side of the cutout. Figure 24

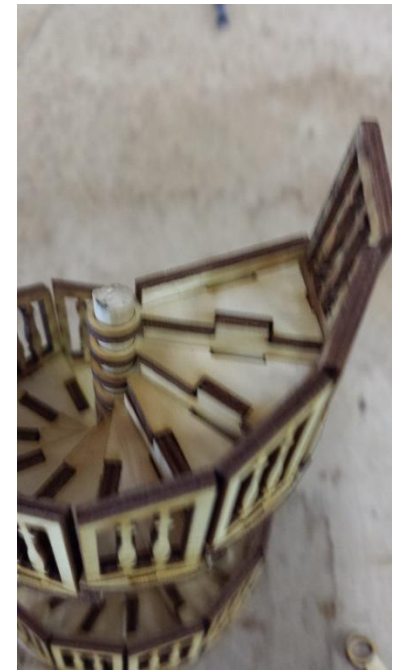
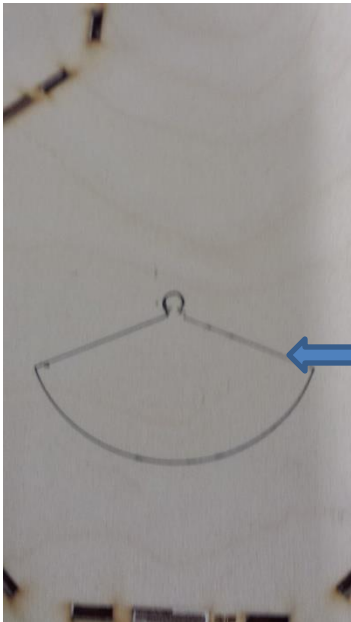


Figure 23



Stairs exit point is right side and aligns here.

Figure 24

## ASSEMBLY

Step 15. Install stairs into bottom and top floors, having the stairs meet up to right side of second floor. Glue in place. Figure 25



Figure 25

Step 15. Install floor railings as in figure 26.

ASSEMBLY COMPLETED!!



Figure 26



Laser Dollhouse Designs

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