

**Book 13: Bookcase Dollhouse, Vol. 1
can be used as an approximate
1:48 scale dollhouse**



READ INSTRUCTIONS BEFORE STARTING ASSEMBLY

Required tools and supplies:

- X-acto knife and fresh blade(s)
- A thin metal straightedge ruler. Make fold lines by pressing against edge of the ruler.
- Wide clear packing tape or double-sided tape
- Tweezers and detailing scissors
- Good cutting mat (cardboard will ruin your blades **and** project)
- Fast-grab, quick-dry white craft glue that dries clear
- Clear Gel strong Tacky Glue for glueing balsa wood
- Toothpick for spreading bonding gel
- Small piece of aluminum foil to use as a glue pot
- Flat, slender artist brush for applying glue to walls, and small water container.
- Sharp pencil, dry artist's brush and cotton swab
- Very fine grit sandpaper



1. Cut pieces as shown in step two. Make homemade carbon paper by scribbling a layer of pencil carbon on the back surface of the lines used for shelf placement.



2. Use double-faced tape or wide clear packing tape to carefully tape down patterns securely over balsa wood on the cutting mat. Let the static electricity attach the paper to the packing tape then position pattern over balsa wood as straight as possible.



3. Use a straight-edge ruler and imprint the shelf guides onto the balsa wood. Use something like the thin point pencil tip to make the imprints.

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4. Use the straight-edge and the X-acto knife to cut out the bookcase pieces. Make sure your blade is fresh and sharp.



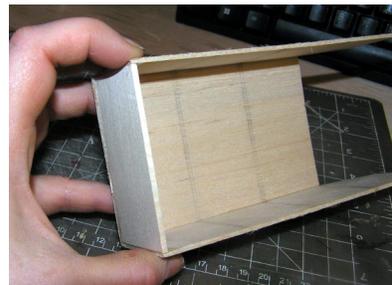
5. Here are the cut pieces. Note: if you follow the type found on the patterns page, you will know exactly how to place pattern pieces on the balsa wood. You will have plenty of wood for the project.



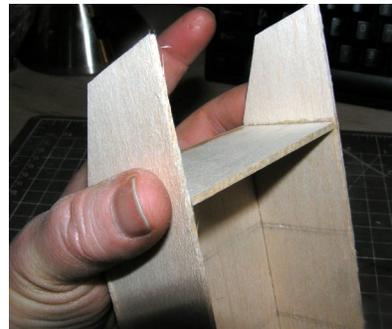
6. Using the Clear Gel Tacky Glue, glue one side firmly on top of the bookcase backing. Make sure your guides match up before glueing. Use plenty of glue and wipe away excess. Hold the side in place until it dries. This is where patience will pay off. Repeat for the second side.



7. I use my heavy glue bottles as supports for the sides, however, there is no substitute for hands holding sides until they dry!



8. Size the shelf panels for the top and bottom of the bookcase. these will fit between the sides. Do not force the fit or you will dislodge the sides. If the pieces are too wide, cut a sliver off using the X-acto knife or sand using the fine grit sandpaper. Glue into place once the size is perfect.

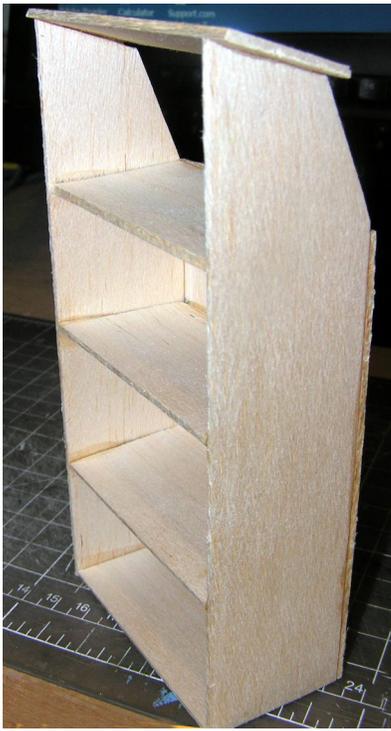


9. Here is the top shelf glued in place and held until glue is dry.

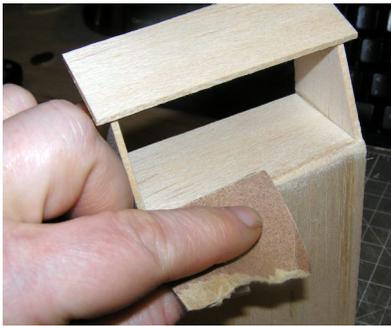


10. Glue the last two shelves into place.

NOTE: The numbers found on the color prints inform you of the order of assembly. Those numbers do not correspond to the tutorial step numbers.



10. Position the shorter roof piece on the top of the structure. The front should be flush with the front opening.



11. Sand the edge of the top of the backing panel at a 45 degree angle. This will ensure that the larger roof piece will fit flush against the diagonal opening. Zoom in on the photo to see detail.



12. This is how the roof piece should fit across the back. If you are satisfied with the fit, go ahead and glue the second roof piece in position.



13. Cut out all the color pieces and crease at the logical folds. Glue the First Floor Flooring in place as shown. Wrap the front edge. **NOTE: ALWAYS SIZE THE PIECE BEFORE APPLYING WHITE GLUE WITH A PAINT BRUSH.**



14. Size and position ceiling for first floor. Glue into place with paint brush and white glue. You may need to thin glue with a little water. Always smooth wrinkles until glue has dried.



15. Size the wallpaper. You may need to shave a little off the top edge to get a comfortable fit. Glue into place and wrap ends to hide wood edges as shown.



16. repeat these steps for the next shelf: size and glue floor, ceiling then wallpaper.

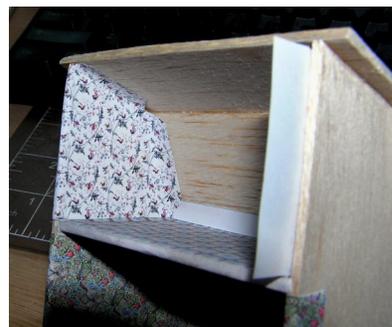
17. Do the same for the third floor: size and glue floor, ceiling then wallpaper.



18. Next position and glue the border in place along the top of the wallpaper.



19. Size and glue the flooring for the fourth floor.

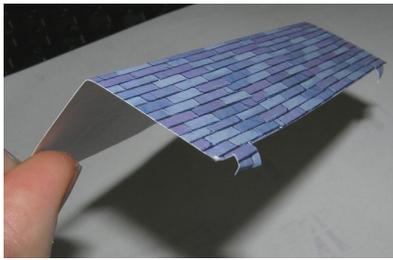


20. Size, then glue the side walls for the fourth floor as shown here. Wrap the ends around the front edges.

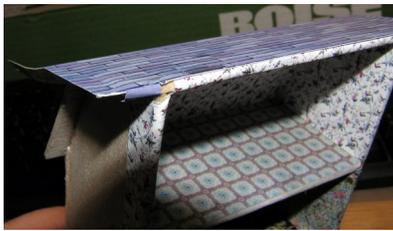


21. Size and glue the back wall's paper into position. Wrap extra length around roof edge as shown.

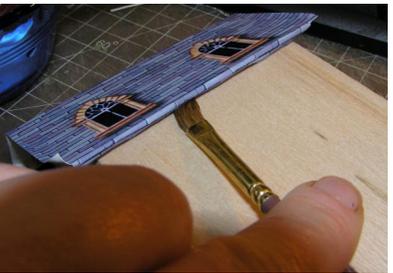
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22. Fold roof along peak line. Wrap "hooks" on front and test the positioning of the roof before glueing.



23. Paint glue to roof. Make sure you have plenty to work with and plenty to allow some sliding. Start with the front as shown in the photo.



24. I used a full, dry artist's brush to help wrap the flap under the eaves.



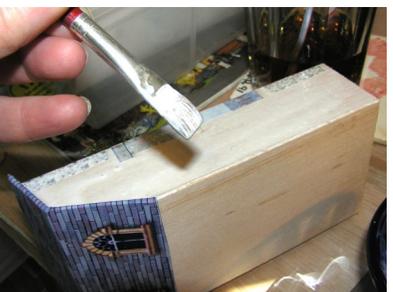
25. Snip the flap at the point of the roof's peak as shown here.



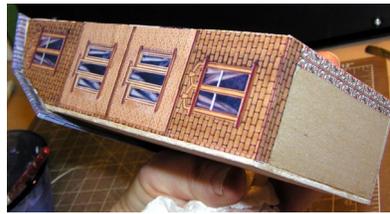
26. On these large pieces always smooth any wrinkles and bumps. This is a constant process while the glue dries. Work your way around the eaves pressing firmly.



27. This is how your finished eaves should look.



28. Position a paper side on the house. It is always good to test a piece before glueing. Slather plenty of glue to a house side. Remember you can water down glue if it is too thick.



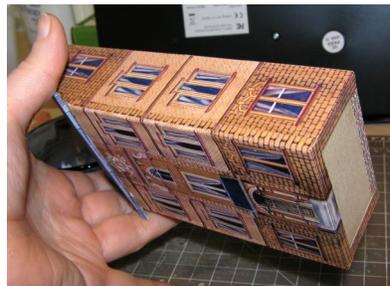
29. Here is how the side should be positioned. Notice that the flush edge will be towards the house opening. Repeat for other house side.



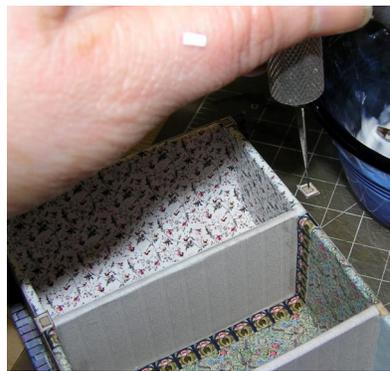
30. Slather glue to house back panel after checking size and folds of the paper piece.



31. Paint glue to the fold-over flaps.



32. See that the corners are wrapped. Use the dry brush to help you smooth under the eaves. Keep working the wrinkles out until glue is dry.



33. Cut out the finishing dots. Paint glue at each junction that is not papered. I spear the dots with my knife blade. This makes positioning much easier.



34. Final step is to finish the bottom with the Paper Minis panel.

