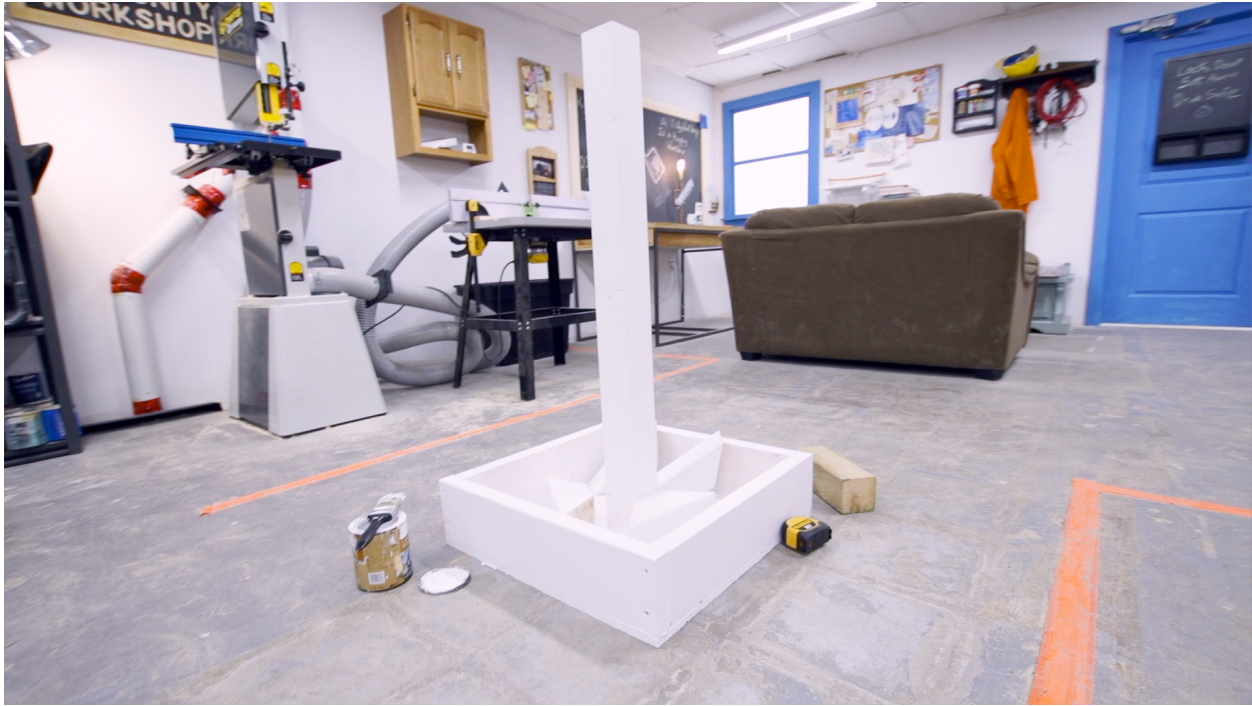


**LITTLE FREE LIBRARY**  
**EYES FOR THE JOB- EPISODE 303.1**  
**‘COMMUNITY CENTRED’**



**MATERIALS NEEDED**

- Two pieces of 4 X 8 exterior grade plywood, 5/8 inch
- Two pieces of 1 X 4 pine, 8 feet long
- One piece of 4" x 4" X 8', pressure treated
- Two pieces of 2" x 6" x 8'
- Red, Black, and White Paint
- One set of two steel back flap hinges 1" x 2 7/8" - 2/PK - Zinc
- One Double Roller Catch Diamond Strike - Antique Copper
- Two PL Premium Exterior grade adhesive
- One box of 18 gauge 1" brad nails
- 18 gauge 5/8" brad nails
- Crusher Dust
- One one-foot Dowel
- One Eye
- One Bell
- Twenty-four #6 Deck screws at 3 inches
- 1" foam brushes
- 2 1/2" Paint brushes
- One bag of red Vigoro rosa beach pebbles



### **STEP BY STEP BUILD PLAN**

1. Build box footing
  - a. Cut 2' x 2' square box base from pressure treated plywood The bottom is fine as PT plywood.
  - b. Cut from 2 x 6 x 8 two pieces 24" long for box sides, two pieces 21" for ends. Paint these white.
  - c. Find the centre point of the box base, and screw to the end of a 42" long post. Cut 4 braces at 10" from the remaining 4" x 4" mitred at 45 degrees to fit against the bottom of the base and post. Paint white in pre build
  - d. Glue and screw the box sides to the box base
  - e. Add weight in the form of crusher dust for the majority, with a layer of Vigoro Rosa Beach Pebbles on top.
2. Measure and cut a support post to fit in the centre of the box footing. This will hold up the Little Free Library.
3. With the box footing and support post done, prepare the sides, base and roof of the Little Free Library.
  - a. Rip two 16 3/4" x 12" inches long pieces of plywood.
  - b. Cut two 20" x 20" inch pieces of plywood. Measure up 10" at each end. Cut 45 degrees up from there on each side to get the peak, on the front and back.

- c. Cut one 15 1/2" x 19 3/4" and one 14 7/8" x 19 3/4" piece of plywood for the roof panels.
  - d. For the front piece – go up one inch from bottom, measure two inches from each side and then 10 inches from bottom edge. Cut this piece out. From the bottom centre measure 3" each way. Measure 8" up from the centre and 5" up each side. Draw an arch from the 5" mark to the 8" mark on each side and cut this out to create a hole for door.
  - e. Paint the door black
  - f. Rebate out a 1/2" x 1" strip around the door opening. Cut a piece of pine 1/2" thick by 4" wide by 9" high to fit this.
2. Attach the pieces together.
- a. Attach the sides to base using PL glue and brads.
  - b. Attach the front and back to the base using PL glue and brads
  - c. Attach the smaller piece of roof, leaving overhang on front, back and side.
  - d. Attach a second roof piece, the larger piece, to the top of the structure, leaving overhang on front, back and side, and over lap the other roof piece.
  - e. Cut strips of 1 1/2" pine to 1/8" thick to make the roof shingles. This can be done on a table saw or band saw.
  - f. Paint all pieces red including the door.
  - g. Attach the door to the front using hinges and attach catch.
  - h. Attach white trim pieces to all edges (two pieces for each corner) including the front of the roof.
  - i. Skirt/freeze around bottom with 3/4" x 1/2" pine and paint it white.
3. Build the bell tower
- a. Use 4 x 4 cut to four inches long for the inset on roof. Cut a 45 degree notch in the bottom so it sits on roof peak.
  - b. Drill four small holes to attach four pieces of three inch long doweling, to support roof of tower.
  - c. Use 4 x 4 cut to three inches to create roof of tower. Bevel cut with mitre saw to simulate roof.
  - d. Add fascia for decoration.
  - e. Paint the roof black.
  - f. Attach a bell to the eye on the roof
4. Build the overhang, which protects the door from rain
- a. Two inches above door install an overhang made from pine, 16" x 2", to fit the space. One edge is ripped to 22 1/2 degrees to attach the 16" x 2" overhang to ensure door can open.

5. Build Four windows with grills.
  - a. cut windows to 3" by 6". Cut pine into 1/8" x 1/4" strips and cut to length to make windows fasten with glue. Cut mitres with a chisel
  - b. paint windows white then make grills with white paint
  - c. attach to sides
  - d. Set schoolhouse on post on site
  - e. use left over 4 x 4 to brace to post