

Kid's

LEMONADE STAND

PERFECT AS A GARDEN WISHING WELL
OR A PUPPET THEATER, TOO!

Lemonade stands are more than just a way to teach your kids about money. Building a lemonade stand is fun way to learn some basics about construction.

And if you take the time to build a sturdy Lemonade Stand, you can keep using it as a Garden Wishing Well or a Puppet Theater! —Mark

What you'll need for this project:

Tools & Equipment

- hammer / bit-brace / drill/driver
- measuring tape
- drill bits and countersink
- circular saw

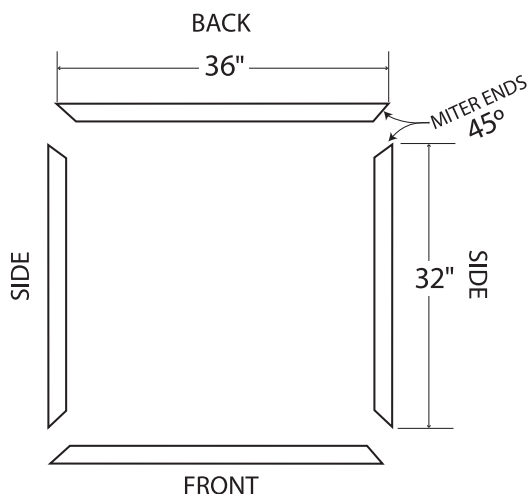
Materials

Cedar or pressure treated lumber is a good choice for an outside project. If you are planning to keep your stand inside, I'd recommend using pine. It's lighter, less expensive, and works well for indoor use.

- 8 pieces $\frac{5}{4}$ " x 6" x 12' decking boards. If you're using pine, use 1x6.
- 12 pieces 2x4x8
- 6-penny nails or 2" all-weather screws for the plank connections
- 8-penny nails or 2 $\frac{1}{2}$ " all weather screws for the 2x4 connections



ALWAYS ASK YOUR PARENTS BEFORE USING ANY TOOL.
PARENTS ALWAYS HAVE THE FINAL SAY ON WHAT TOOLS KID CARPENTERS CAN USE.



STEP 1. Layout the footprint of the Lemonade Stand.

1. FRONT/BACK TRIM: Cut four 2x4s to 36" long on edge. Miter each end at a 45° angle.
2. SIDE TRIM: Cut four 2x4s to 32" long on edge. Miter each end at a 45° angle.

NOTE: DO NOT ATTACH THESE PIECES.

STEP 2. Build the Panels.

1. Cut 22 5/4 deck boards to 28" length.
2. FRONT PANEL: Layout one deck board 1/8" away from the inside (or short point) of a FRONT/BACK TRIM piece.
3. Place end of a deck board flush with edge of the 2x4. Screw or nail deck board to FRONT/BACK TRIM piece.



CARPENTRY TIP

USE A SQUARE TO SET THE DECK BOARD 90° TO THE 2 X 4.

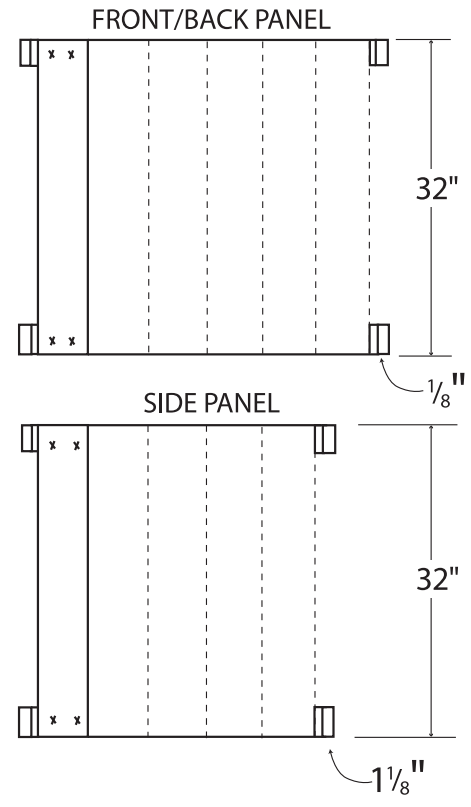
APPRENTICE SKILL BUILDER



Count on It

Counting and Stacking. One of the basic building blocks of life is, of course, counting and understanding numbers. A good way to make numbers and counting real to little carpenters is to attach the numbers to something they can touch, like all of the parts of this Lemonade Stand. Young carpenters can help count and layout the pieces for each panel.

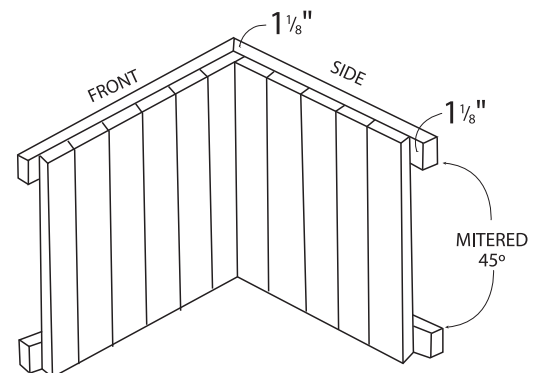
4. Repeat Steps 2 to 3 to attach the deck board to the **BOTTOM TRIM**.
5. Place remaining deck boards in a tight row and screw each in place to the **FRONT/BACK TRIM** piece and the **BOTTOM TRIM** piece with two 2" screws.
6. **BACK PANEL**: REPEAT Steps 2 through 5.**
7. **SIDE PANEL**: Layout one deck board $1\frac{1}{8}$ " away from the inside (or short point) of a **SIDE TRIM** piece.
8. REPEAT steps 3 to 6 to complete first **SIDE PANEL**.
9. REPEAT steps for second **SIDE PANEL**.
10. Attach the four panels. The **SIDE PANELS** fit inside the **FRONT** and **BACK PANELS**.



** Back panel is not for the Lemonade Stand or Puppet Theater. Build the back panel if you plan to re-use for Wishing Well.

STEP 3. Build a Counter.

1. **FRONT/BACK COUNTER**: Cut two 2x4s (or 2x6s) to 36" length on edge. Miter each end at 45° .
2. **SIDE COUNTER**: Cut two 2x4s (or 2x6s) to 32" length. Miter each end at 45° .
3. Attach **COUNTER** pieces to top of each **PANEL** with 2" screws.

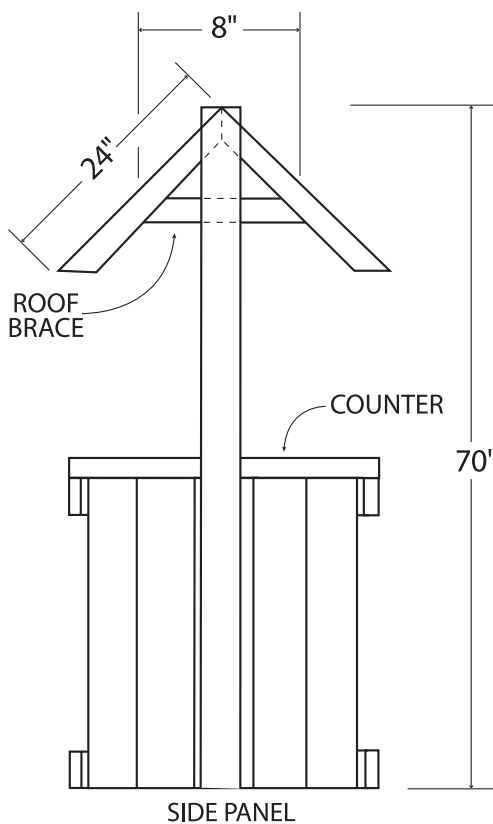


MASTER SKILL BUILDER

1 2 3

Paint the Town

Painting With a Real Paintbrush. Finger painting is one thing, but if you plan to deck out the Lemonade Stand for big sales (red, white, and blue would be nice for the 4th of July), then it may need a coat of real paint—and the only way to get it on there is with a real paint brush. Dip the brush bristles in the paint about one inch, and pull out wiping one side of the brush on the rim of the can. Practice applying paint in smooth even strokes. The gutter around the rim of the paint can fill with paint. Punch holes in it using a hammer and nail or scratch awl to allow paint to drain. You can paint the Lemonade Stand after it is assembled, but if you're using lots of colors, it might be easiest to ask kid carpenters to paint the parts before you put them together.



STEP 4. Build the roof.

1. Cut one 2x4 to 70" long.
2. Miter one end of the 70" piece to a point (arrow shape).
3. Center the 70" piece (point-up) inside one SIDE PANEL.
4. Attach the upright to the side with nails or screws.
5. Cut two 2x4s to 24" length-from long-to-long with 45° miters on both ends.
6. Place the 24" pieces end to end and attach with nails or screws.
7. Cut a 2x4 to 16" from long to long, with 45° miters.
8. Attach the brace piece to the roof frame.
9. Attach the roof frame to the outside of the arrow end of the upright from Step 4-2.
10. REPEAT Steps 1 through 9 to construct the other side of the roof.
11. Cut 6 2x4s to 36" length.
12. Place each 36" length piece across the roof structure and nail or screw in place.



Wishing Well Extra

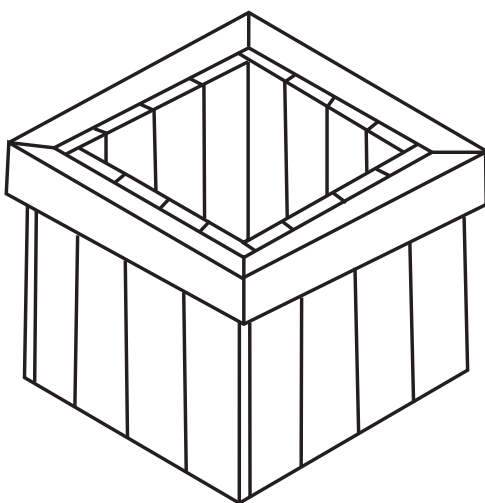
While you can let plants pour out of this structure without any special modifications, you also can build a shelf across a lower section and fill it with dirt to help showcase plants inside the well. Also, line the inside of the well with landscape fabric to keep the dirt contained.

Kid's Carpentry Corner

Build a Planter Box

What I love about the Lemonade Stand project is that once you know how to build it, you know how to build other wood boxes—both smaller and larger—for other projects. The method is the same, just the dimensions change. So, if your Lemonade Stand has become the neighborhood Puppet Theater, try building a few of these smaller Planter Boxes to display flowers on porches, decks, and beside walkways. And, after your kid carpenter helps make the Planter Box, there's another opportunity to learn—about gardening this time.

A Planter Box can be any size you want, but using 1x4 material for the sides will give you approximately a 14-by-14-inch box. Make it 14 inches deep and you've got a nicely proportioned cube. Or, for an oblong look, build it 28 inches long and 14 inches deep. (Check the actual width of the material you buy for exact measurements.)



Tips for building a Planter Box:

- For a floor panel, bridge a few planks off the bottom rails
- For shallow or small potted plants, build up the bottom panel
- To keep potting soil from running through, line the inside of the box with landscape fabric (also called geo-textile fabric)
- Before filling with potting soil, put in a layer of rocks to help excess water drain

Lemonade for Sale

HOW MANY GLASSES OF LEMONADE CAN EACH KID CARPENTER BUY?
ONE GLASS OF LEMONADE IS 10 CENTS.



Carpenter Zach



Carpenter Justine



Carpenter Eddie



Carpenter Eric



Carpenter Mark