Tool Caddy Project

Building Time: 2-3 hours

Age Level: 10 and up

Materials:

-2- 1” x 8” x 24” for sides
-1- 1” x 8” x 22 ½” for bottom
-2- 1” x 8” x 12” for ends
-16 2” nails
-1 ¾” dowel rod
-Fine sandpaper
-Saw
-Hammer
-Drill
-(Optional) Paint/stain and brush

Procedure:

Part 1: Cutting

1. Saw each of the pieces (see the materials list).
2. Cut the dowel rod to a 24” length.
3. Sand down all the pieces

Part 2: Optional

Paint/stain the pieces and let dry

Part 3: Pre- Assembly *(see Diagram A)*

1. Make a dot in the center of the 2 end pieces 1 ½ inches from the top.
2. Drill holes with a ¾” diameter bit for the tool holder and side pieces.

Part 4: Assembly *(see Diagram B)*

1. Tap the dowel into the hole near the top of each end piece to make the handle.
2. Fit the bottom piece evenly at the bottom between the 2 end pieces, parallel to the dowel.
3. Fasten the end pieces to the bottom piece with 2 nails at each end.
4. Fit each side piece to the end and bottom pieces.

5. Put 4 nails evenly spaced out into the side piece along the length of the bottom.
6. Put 2 nails in either end of the side pieces.

Part 5: Optional

Decorate the tool caddy (use paint, markers, etc.)

Also, consider other ways to use this project (example: flower box). Be creative!

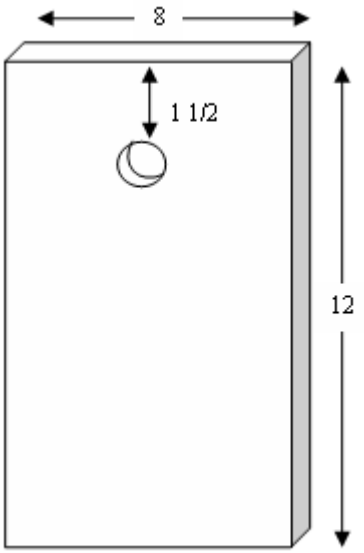

Diagram A

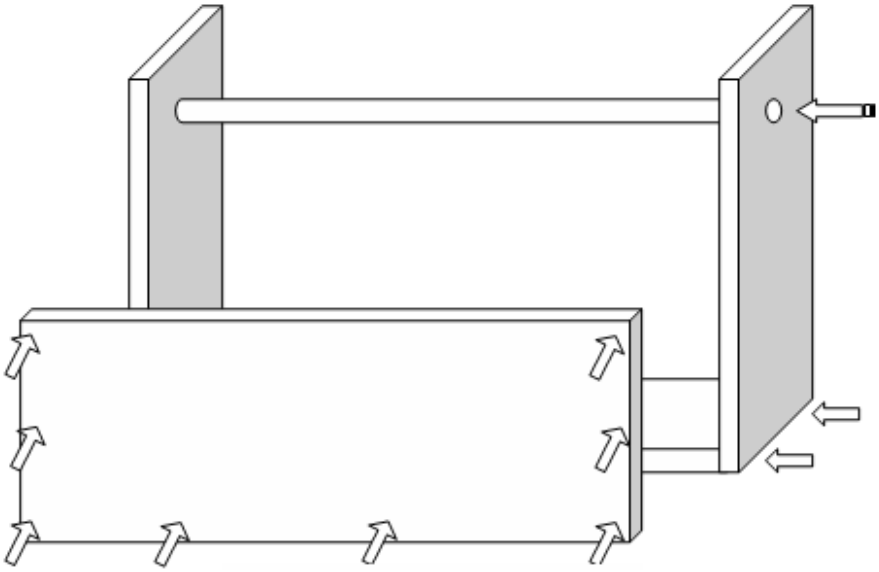

Diagram B

Completed Tool Caddy