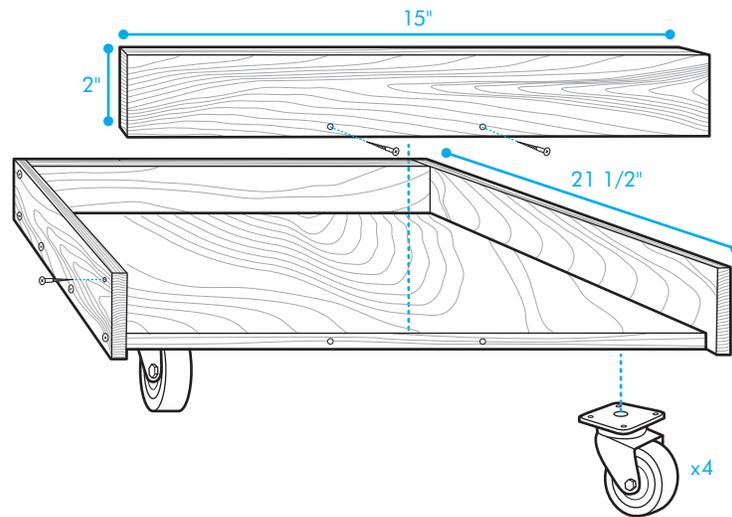


TEMPLATE



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Toolshed How-tos

When purchasing wood from a home-supply store or lumberyard, note that the stated, or nominal, measurements will be slightly larger than the actual measurements. (The larger number reflects the presanded size; what you're buying is already sanded.) For example, a 1-by-2-inch board is actually 3/4 by 1 1/2 inches, and a 1-by-12-inch board is really 3/4 by 11 1/4 inches. We've included the nominal measurements in our illustrations and materials list so that you'll know what to look for when you go shopping.

Wooden Tray with Casters

The instructions below are for a shallow dolly that measures 15 by 20 inches —large enough to hold a plastic storage bin but small enough to store and maneuver.

Tools and Materials:

- Electric drill
- Four 1-by-2-inch boards: two cut to 15 inches and two cut to 21 1/2 inches (for guards)
- 3/4-inch-thick plywood, 15 by 20 inches (for tray)
- Carpenters' glue (standard or waterproof formula)
- Sixteen 1 1/2-inch wood screws (for guards)
- 4 swivel-plate casters with 2-inch wheels
- Sixteen 3/4-inch wood screws (for casters)

1. To prepare guards: Pre-drill holes in the boards for the screws. For each of the 15-inch boards, you'll need 2 holes, placed 3/8 inch from the bottom (in order to connect with the plywood) and about 6 inches from each end. For each of the 21 1/2-inch boards, you'll need 6 holes. The first 2 should be 3/8 inch from the bottom and 6 inches from each end, like the other boards. Drill the remaining 4 holes in each of the board's 4 corners, where the longer boards will overlap the 15-inch ones.

2. To attach guards: Start with the two 15-inch boards. Affix them at opposite ends of the plywood with carpenters' glue (use a waterproof formula if tray will be used outside), aligning the bottom of each with the bottom of the tray, as shown in illustration, and then insert the 1 1/2-inch screws. Repeat with the 21 1/2-inch boards. Let dry.

3. To attach casters: Position each one far enough in so the wheel doesn't extend beyond the edge of the tray. Using the 3/4-inch screws, anchor the casters.