

BUILDING MEMORIES

What You'll Need:

Materials (for two identical boards)

- Two sheets of plywood, 24" x 48", at least 1/2" thick
- Four 2" x 4" studs, 8' long
- Eight 4" carriage bolts, washers and wing nuts, 1/4" diameter
- Sixteen 10d nails (10 penny, 3")
- Thirty-two drywall screws (3" length)
- Quart high-gloss paint (if desired)

Tools

- Circular saw
- Jigsaw
- Drill, 1/4" drill bit and Phillips-head bit
- Speed square
- Hammer
- Workbench or similar surface
- Measuring tape and pencil
- 1/4 Sheet Sander, medium/fine grit paper
- Safety glasses
- Paintbrush (if desired)
- Power Cutter or fabric shears
- Heavy-duty fabric glue

Corn Bags

- Enough fabric for sixteen cloth squares, 7" x 7" each – eight each of two different colors
- Corn kernels (2.25 cups per bag)

Instructions:

- Familiarize yourself with the "look" of completed unit.
- Make FOUR 2" x 4" x 48" lengths by cutting two of the 2" x 4" x 8' studs in half using a circular saw. **IMPORTANT** – some 2" x 4" boards are not exactly 8' (96") long. Measure and mark the 48" lengths using a measuring tape and speed square to ensure the proper length and the pieces are squared.
- Cut another 2" x 4" into four 21" lengths.
- Using these pieces, build two 24" x 48" rectangular frames and fasten each corner with two nails.
- Sand down all pieces to remove any splinters or rough edges.
- Attach plywood to rectangular frame using drywall screws, 16 per frame. On sides labeled B and D, measure and mark every 8" from the bottom corner to the top corner, starting approximately 2" from the outside edge. Drive the screws in at these marks. On sides A and C, measure and mark 11-1/2" from either corner, approximately 2" from the outside edge. Drive screws in at these marks.
- At one end of the plywood, on the outer side, draw and then cut a 6" diameter hole using a jigsaw, 9" from the top and 12" from either side.
- With the remaining 2" x 4", cut four pieces that are each 12" long using a circular saw. At one end of each piece, draw and then cut at an 11 degree angle to make a "leg."
- Drill holes to secure legs to the "circle" end of the frames – drill two 1/4" holes into the frame, centered vertically and measuring 2-1/4" and 4-1/4" from outer edge (see image). Place leg into frame and mark holes through the frame on the leg. Remove leg and then drill 1/4" holes into the leg. Fasten leg to frame using carriage bolts, washers and wing nuts.
- Paint or decorate board.
- Corn bags: Cut fabric in 7" x 7" squares using Power Cutter or fabric shears. Stack two pieces of similar cloth with pattern sides facing each other; glue three of the four edges together (form pouch). Wait to dry, then turn pattern-side out and fill with corn; fold in remaining edges of cloth and glue bag shut. Repeat for each bag.

