


# BEAN BAG TOSS

DIFFICULTY: **COMPLEX**

 3 VOLUNTEERS

 4 HOURS

## MATERIALS

### **PREP**

(4) 2x4x8ft boards

(1) .5"x4'x8' sanded plywood

### **BUILD**

(4) 2x4x48" pieces

(4) 2x4x21" pieces

(4) 2x4x11.5" rounded pieces

(2) 24x48" pieces of primed plywood with holes

(4) 3/8x6" galvanized carriage bolts

(4) 3/8" galvanized washers

(4) 3/8" galvanized wing nuts

1lb 1 5/8" deck screws

Set of bean bags

*Tools listed on page 2*


## **PREP LIST**

1. Sort all the materials into piles by like items to ensure you have materials needed to complete project.
2. Take (2) of the 2x4x8ft boards. Cut each into (2) 48" pieces, for a total of [4] 4x4x48" pieces.
3. Take the (2) remaining 2x4x8ft boards. Cut each into (2) 21" pieces and (2) 11.5"pieces, for a total of (4) 2x4x21" pieces and (4) 2x4x11.5" pieces.
4. Take the 4x8 sheet of sanded plywood. Using the chalk line to measure and the circular saw to cut, cut from it (2) 24"x48" pieces.
5. Round Cuts: Using the jig saw round off the top of each 2x4x11.5" piece, cutting off two corners and rounding over. Using the drill with hole saw attachment, cut (1) 6" diameter hole in each plywood piece. The hole should be 4" from the 24" edge, and centered.
6. Prime the sides and edges of both 24"x48" plywood pieces. Allow to dry.

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## TOOLS

### PREP

Miter saw

Circular saw

Jig saw

Drill with 4" hole saw attachment

Chalk line

Tape measure

Carpenter's square

Pencil

Safety glasses

Primer/painting materials

### BUILD

Level

Hammer

Drill

3/8" drill bit

Tape measure

Screwdriver bit

Pencil

Safety glasses

## BUILD LIST

1. Sort all the materials into piles by like items to ensure you have materials needed to complete project.
2. Use the 1 5/8" screws to build a rectangular box with (2) 2x4x21" pieces and (2) 2x4x48" pieces. The 21-inch pieces must be inside of the 48-inch pieces. This will form a 2' x 4' box.
3. Lay one piece of the 24"x48" plywood on top of the 2'x4' box, use the plywood to square up the 2x4 frame. Screw the plywood onto the frame with 1 5/8" screws.
4. Turn the box upside down. Lay (2) rounded 2x4x11.5" legs parallel and flush up against the top corners with the half circle side in the corner.
5. From the inside of the box, make a mark in the center of the 2x4 vertically inside the radius. Use the drill bit to drill a hole through the support leg and side of the box.
6. Install the carriage bolt through both holes and attach with a washer and a wing nut. Be sure the head of the bolt faces the outside of the box and that the washer and wing nut are on the inside.
7. Stand up the Bean Bag Toss by swinging out the legs and flipping it over.
8. Repeat all steps with remaining materials to complete the pair of Bean Bag Toss boxes.
9. Paint as desired.