3’X6’ CUBBIES

DIFFICULTY: MEDIUM

4 VOLUNTEERS

3 HOURS

MATERIALS

PREP
(3) .75”x4x8 sanded plywood
Painting materials (optional)
Primer (optional)
Sandpaper

BUILD
(2) 12x72” plywood pieces
(1) 36x72” plywood pieces
(7) 12x34.5” plywood pieces
(12) 11x12” plywood pieces
(24) 3x12” plywood pieces
1lb 1 5/8” deck screws
Exterior paint (adjust as needed)
Painting supplies

TOOLS

PREP
Circular Saw
Safety glasses
Measuring tape
Chalk line
Pencil

BUILD
Drill
Screwdriver bit
Measuring tape
Pencil
Level
Safety glasses

PREP LIST

1. Sort materials into piles by like items to ensure you have materials needed to complete project.

2. Take 1 sheet of plywood. Measure and cut (1) 12x72” piece, (1) 36x72” piece, (1) 12x34.5” piece, and (4) 11x12” pieces. Grey areas are scrap. Cut exactly as diagram shows to maximize plywood.

3. Take 2nd sheet of plywood. Measure and cut (6) 12x34.5” pieces, (1) 12x72” piece and (8) 11x12” pieces as shown below. The grey area will be scrap. Cut exactly as diagram shows to maximize plywood.

4. Take the final sheet of plywood. Measure and cut (24) 3x12” pieces.

5. Prime all sides and edges if the cubbies will be painted after assembly.

BUILD LIST

1. Sort materials into piles by like items to ensure you have materials needed to complete project.

2. Start by attaching 3x12” shelf supports to the vertical supports of cubby. Using a pencil and measuring tape, mark 11.5” and 23” down from top and draw straight line. This will be the guide for the top of your shelf support. After you verify the measurements according to the diagram, attach each support with two 1 5/8in screws.

   NOTE: Five of the vertical supports will have shelf supports on both sides and two of the vertical supports will only need them on one side.

3. Next, create the frame by attaching the 12x72” top and bottom with three screws at each connection. Be sure to face the vertical supports with only one side of shelf supports toward the inside of the cubby. Spacing BETWEEN shelves will be 11”. You can use the 11x12” shelves to help with spacing.
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4 VOLUNTEERS
3 HOURS

MATERIALS

PREP
(3) .75”x4x8 sanded plywood
Painting materials (optional)
Primer (optional)
Sandpaper

BUILD
(2) 12x72” plywood pieces
(1) 36x72” plywood pieces
(7) 12x34 .25” plywood pieces
(12) 11x12” plywood pieces
(24) 3x12” plywood pieces
1lb 1 5/8” deck screws
Exterior paint (adjust as needed)
Painting supplies

TOOLS

PREP
Circular Saw
Safety glasses
Measuring tape
Chalk line
Pencil

BUILD
Drill
Screwdriver bit
Measuring tape
Pencil
Level
Safety glasses

4. Install the 11x12” shelves onto the shelf supports. Use two screws into each support and make sure the sanded side of the plywood is facing up.

5. Finally, attach the 36x72” back to the rear of the cubby frame. Make sure the large back piece has the sanded face outward and that it lines up along all 4 sides of the frame: you may have to rack the frame a bit (push on the top corner) until it is square, and then attach the back with three screws into each vertical, the top, and the bottom.

6. If the cubbies will be painted, do so once it is completely assembled.