



A-Frame Playhouse

PROJECT PLAN

Finished Dimensions: Approximately 6'W x 10'H x 8'D

Skill Level: Advanced

Materials

Item	Qty
2 in. x 4 in. x 8 ft. Board*	26
3/4 in. x 4 ft. x 8 ft. Plywood Sheet*	2
2 ft. x 8 ft. Plastic Corrugated Panel	8
1 in. x 12 in. x 8 ft. Board*	12
1 in. x 12 in. x 10 ft. Board*	1
1 in. x 2 in. x 8 ft. Board*	5
2 in. Coated Screws	2 boxes (approx. 2 lbs.)
3 in. Coated Screws	2 boxes (approx. 2 lbs.)
1-1/4" Self-Tapping Screws with Bushings	1 box
Hinges	4
Exterior Paint (frame)	2 gallons
Exterior Paint (door)	1 quart

*Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Tools Used



Miter Saw

or



Circular Saw



Drill/Driver



Impact Driver



20V 2.0Ah Battery



Tape Measure



Impact Bits



Carpenter Pencil

or



Markers



Safety Glasses

Also Needed:
Clamps



Battery Tip: A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Assembly Instructions

Step 1

After purchasing all materials needed, start with the floor. We did a 6 ft. x 8 ft. frame. Cut 2- 2x4's to 96" then cut 6- 2x4's to 69". Mark 16" on center on both your 96" 2x4's then fasten your 69" cuts to them.

Step 2

Now you can fasten down your 3/4" plywood for the floor.

Step 3

Next, you're going to frame two identical walls measuring 8'x8' with 2' on center spacing with blocking in between the studs for additional strength.

Step 4

Now you'll build two a-frame walls with a 2'x4' opening and insert them on both ends. After they fit snug, fasten everything together. Make sure to fasten the base plate to the floor too.

Step 5

Set a wall on each side of the floor then lean them into each other making the A-frame. Use your HART clamps to temporarily keep them together at the top.

Step 6

Grab your 8 ft. 1x12s and start siding the front and back. It's easiest to trace your angle then cut it. For the front be sure to cut your door out.

Step 7

Next, you'll install your corrugated panels on the sloped sides. Use the self-tapping screws with bushings on them to fasten the panels to studs.

Step 8

Use the 10 ft. 1x12 for the ridge cap, take an inch off each side and use the cut-offs to make a u-shape.

Step 9

For the door, cut a piece of 3/4" plywood to 23-3/4" x 47-3/4". If you want the "apple pie door" just cut it in half, take 3/4" more off the bottom left, and add a piece of 1"x2" for a ledge. You can also use the 1"x2" for the door pattern.

Step 10

Hang your door with some hinges. Paint everything and you're all set!