

## Platform Bird Feeder

**Building Time:** 1- 2 hours

**Age Level:** 10 and older

### **Materials:**

- Hammer
- Wood glue
- 20 2" Nails
- T- Square
- Saw
- Wood (1" thick)
- 1-1" x 6" x 10" (back)
- 1-1" x 2" x 10" (front)
- 1-1" x 12" x 12" (roof)
- 2-1" x 12" x 10" (sides)
- 1-1" x 10" x 10" (bottom)



### **Procedure:**

#### **Pre Work:**

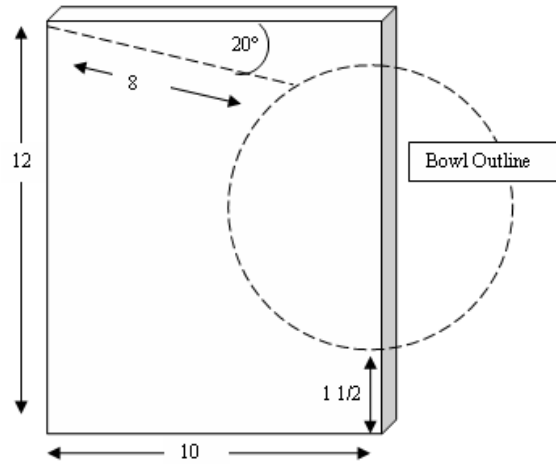
1. Cut wood to be the correct the dimensions.
2. Cut feeder sides. Hold with 10" (side) at bottom. Measure up 1 ½". Mark. From top back corners, draw an 8" diagonal line with a 20° angle from top. Using something round (a bowl, a paint lid, etc.) trace a semi-circle from end of 8" line to mark at 1 ½" (*see Diagram A*). Do the same for both side pieces. Cut along diagonal lines and semi-circle. Stack pieces on top of each other to make sure they are identical.
3. Sand down all wood.

**Optional:** Paint or stain wood.

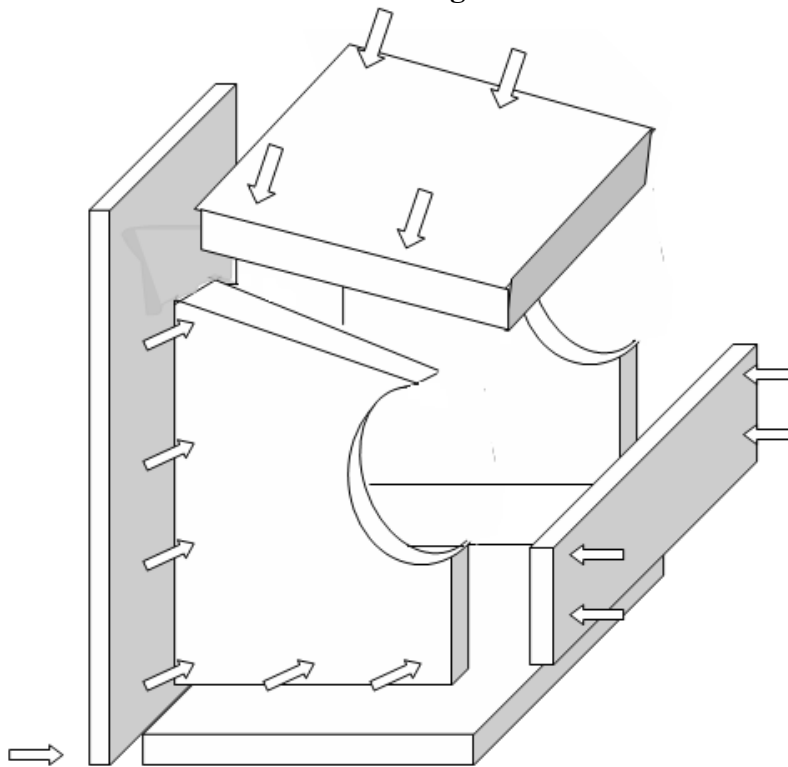
#### **Assembly (*see Diagram B*):**

1. Attach back piece to outside of bottom piece using wood glue and nails.
2. Attach side pieces along outside of bottom and back pieces.
3. Attach front piece along inside of side and bottom pieces.

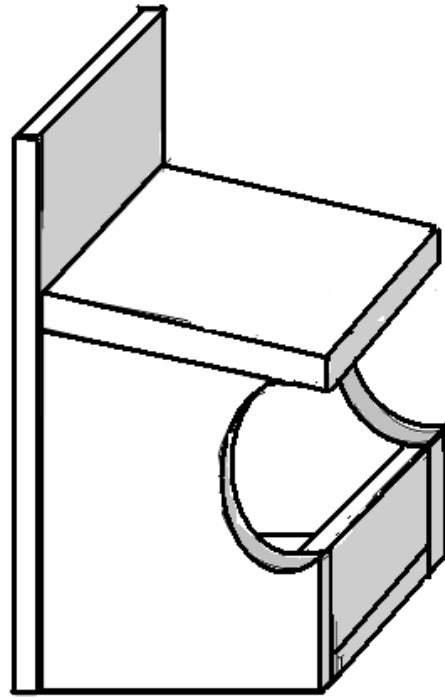
4. Miter roof piece so that it will lie flush with back piece. (If you choose not to miter the roof piece, fill gap with silicon caulk).
5. Attach roof piece to tops of side pieces using 2" nails.
6. Drill a hole in the center of the back piece (above roof).



**Diagram A**



**Diagram B**



**Completed Bird Feeder**