

How To Build A Finch Bird Feeder

I was in a bird store to buy a finch feeder. I saw one for about \$20, but immediately thought, 'I can make this, and probably for less.'

So I tried, and sure enough, for a cost of about \$5 and 20 minutes work, I made one that looks better than the 'professional' model. Here's how I did it.

STEP 1 BUY THE PARTS

It just so happened that next door was a TAP Plastics store. In there I found something called a Tube-Pak. It is a clear plastic tube with a red cap on either end. I chose one 18" long and 2" in diameter (cost: \$3.50). Then I found some cool 1/4" colored acrylic rods (\$3.45). I chose purple. Now it's time to build.



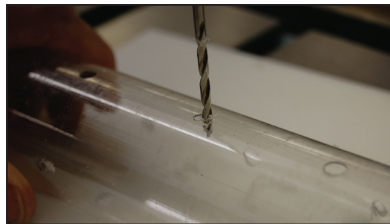
Rods and Tubes are available at TAP Plastics stores or at tapplastics.com



Measure Holes

STEP 2 MEASURE HOLES

First I marked where I wanted to drill holes for the rod. I started 2" from the bottom and then marked every 4". Then I turned the tube 90 degrees and did the same thing again, but started 4" from the bottom.



Drill Holes and Small Holes

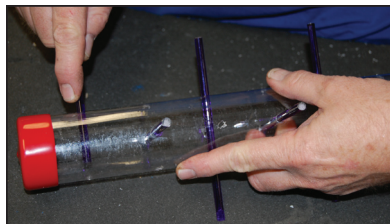
STEP 3 DRILLING HOLE

Next I drilled 1/4" holes all the way through the tube at each of my marks.

STEP 4 DRILL SMALL HOLES

Now I need to mark the holes for feeding. I drilled 1/8" holes 2" above each of the big holes I just drilled. Because the seed needs just a bit more room to get out, I lengthened the holes just slightly by pulling the tube sideways while the drill was running. This created an oval hole.

Also drill a 1/8" hole through the tube just below the top cap. The wire hanger will attach here.



Insert Rods

STEP 5 CUT ROD

I cut the rod to 6" length, using a band saw. A hacksaw would also work.

STEP 6 INSERT RODS

Push the rods through the 1/4" holes. The fit is tight enough so glue is not needed.

STEP 7 MAKE HANGER

To hang the feeder, use a wire coat hanger. Cut a straight piece about 13" long. Bend it into a 'U' shape. Then bend the ends 90 degrees.



Make and Attach Hanger

STEP 8 ATTACH HANGER

Slip the bent ends into the two holes at the top of the feeder and bend them up further so they don't come out.

STEP 9 FINISHED PRODUCT

You're done! Buy some Thistle seed and enjoy some backyard wildlife.

Online instructions available at [instructables.com](http://www.instructables.com):
http://www.instructables.com/id/How_To_Build_A_Finch_Bird_Feeder/