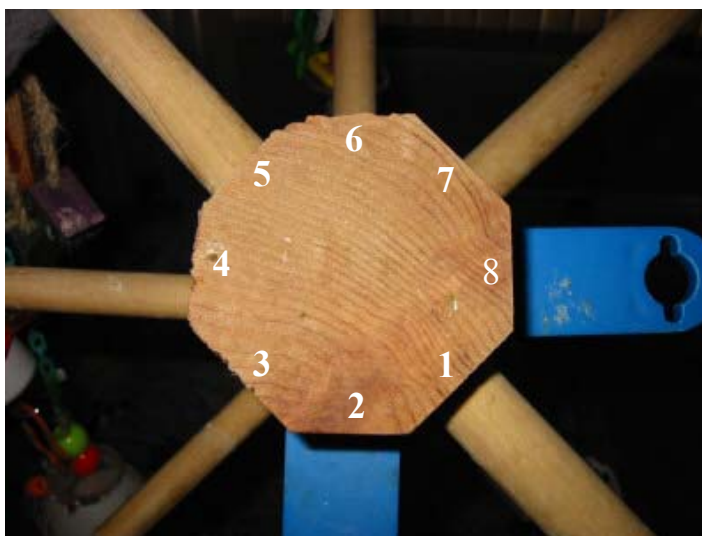


How To Build Parrotland



1. The center post was made from a scrap piece of 4" X 4" cedar fence post. Be sure it is not treated wood. The length was cut to 51-1/2 inches. The finished size of the fence post was squared to 3-1/4" X 3-1/4"
2. The squared fence post was ripped on a table saw lengthwise with the blade at a 45-degree angle to cut the corners off. If done carefully, you will end up with an octagon as shown below.

BE CAREFUL! This is a dangerous operation. If you are not well familiar with the use of a table saw or other power equipment, get someone who is, to do it for you.



3. After the fence post was turned into an octagon, both 1" and 3/4" holes were drilled along the edges to receive 1" and 3/4" wooden dowels.

- The depth of all holes is 3/4-1"
- Good quality wood bits were used to drill the holes as shown below



- The schedule for the holes is shown below. Number each side 1 through 8 looking down from the top of the post going clockwise (see the photo above).
- Drill holes in the center of each side as shown in the chart below:

Side 1		Side 2		Side 3		Side 4	
From Top	Hole Size	From Top	Hole Size	From Top	Hole Size	From Top	Hole Size
2"	1"	9-3/4"	3/4"	7"	3/4"	4-1/2"	3/4"
12-1/4"	3/4"	21-1/4"	3/4"	17-1/2"	1"	27-3/4"	3/4"
18-1/2"	3/4"	46"	3/4"	24-3/4"	3/4"		
42-1/2"	3/4"			48-3/4"	3/4"		

Side 5		Side 6		Side 7		Side 8	
From Top	Hole Size	From Top	Hole Size	From Top	Hole Size	From Top	Hole Size
2"	1"	9"	1"	5-1/2"	1"	14-3/4"	3/4"
17-1/4"	3/4"	33-1/2"	3/4"	17-1/2"	1"	39-1/2"	3/4"
30-3/4"	3/4"			36-1/2"	3/4"		

4. The hardwood dowels were purchased at Home Depot and cut into 12" and 6" lengths as shown below.

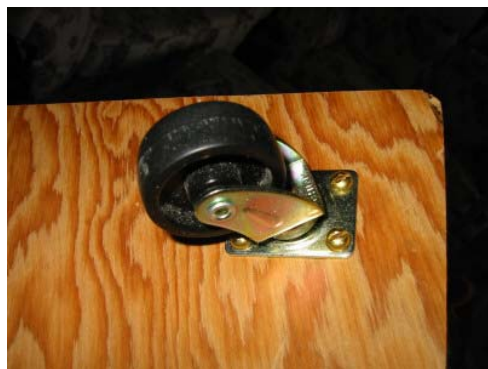
- 6ea - 1" X 12"
- 17 ea = 3/4" X 6"
- Be sure the wood is plain and not treated with anything

5. I used Elmer's Professional Carpenter's Wood Glue to glue the dowels into the holes. Since the dowels and the holes are the same size, the fit is tight so you don't need much glue.

- Check the fit of the dowel into the hole before gluing. It should be tight. If necessary, sand the end of the dowel to make it fit better.
 - Use your finger to put a thin film of glue on the inside of the hole as well as a thin film on the dowel. Don't use too much glue or it will drip down the side of the post.
 - Use a twisting motion to insert the dowel into the hole.
 - Be sure to wipe off any excess glue that oozes out. You don't want your bird to ingest any. Have damp paper towels handy to clean the area thoroughly after the oozing stops.
6. The base was made out of a scrap piece of 1/2" plywood. It was cut square to 21-3/8" on each side. The edges were all sanded smooth.
7. The center post is attached to the center of the base using 5 - #8 X 3" deck screws. These are drilled up through the bottom of the base into the center of the post. I had the screws left over from another project. They were Grip-Rite Fasteners "Primeguard Phillips Exterior Screws" 8 X 3"
- One screw goes straight up through the center of the post.
 - The other four screws go around the periphery of the post angled in toward the center.
 - Be sure none of the screws break out of the wood on top. The finish is undoubtedly bad for the bird.



8. The wheels on the bottom of the base are 1-3/4" in diameter and lift the bottom of the base 2" off the floor. I don't have a better description of them but any wheels will do. They are attached to each corner of the bottom of the base. The screws are brass and did poke through the top side of the base. I took a hacksaw cut the screws off flush with the base. Since the base is covered by foam and a sheet, this should not be a problem for the bird.



9. The feeding cups were purchased at Petsmart. They are attached at the top of the post adjacent to one of the 1" dowels. In this case, I used 1" deck screws. The screws are hard to get to so even though the material is probably not good for the bird, they have not been a problem.



10. Five stainless steel eyehooks were purchased at Home Depot and screwed into the ends of the 1" dowels. There are six 1" dowels, however, one is directly above another so the eyehook was only put in the upper one. These are used to hang the boings and other toys from.

- The eyehooks are 1/8" in diameter and 3" long.



- The S-hooks are also stainless steel.

11. The enclosure was made from 4 sheets of 2' X 4' X 1/8" Plexiglas purchased at Home Depot. They were attached with the brass hardware shown below. While the hook and latch is brass, the screws are stainless steel and only they stick through to the inside of the enclosure. We put masking tape over the outside and the inside to discourage the bird from getting to the hardware, though sometimes he does try. I wasn't able to find any stainless steel latches. The latches make it possible to completely disassemble the enclosure.



12. The foam pad is 27" square and about 1-1/2" thick. It was something we had laying around and is commonly used for bedding or on chairs. It should be available in most fabric or stores.

