

# Circular Drawer Storage Unit

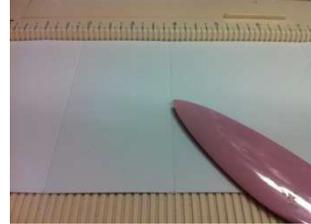


# Circular Drawer Storage Unit

## Instructions

1. Take a piece of cardstock and cut down to  $3\frac{7}{8}$ " x 8" (you will need 4 of these per section)

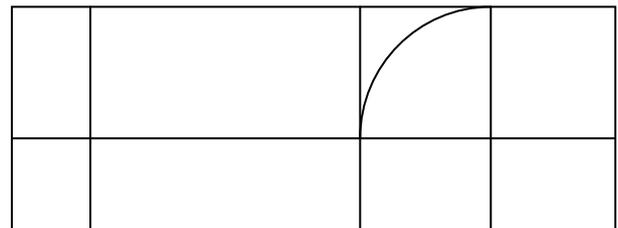
2. Place this piece on your scoreboard with the long side (8") sitting on the top and score at:  $1\frac{7}{8}$ ",  $3\frac{7}{8}$ ", 7"



3. Rotate ONCE to the right so that the larger square areas are sitting at the top and score at 2"



4. Make your circular arc by taking a ruler and pencil and positioning your ruler on the first intersecting line and measuring between the bottom and right side of the 2" square, place a dot 2" from the corner, then keeping the ruler on the corner section, move the ruler over about a  $\frac{1}{4}$ " and place another dot 2" from that corner mark. Continue doing this until you have a curved arc line of dots

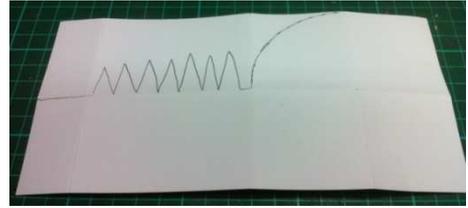


5. Now join your dots and voila! Your arc is made!



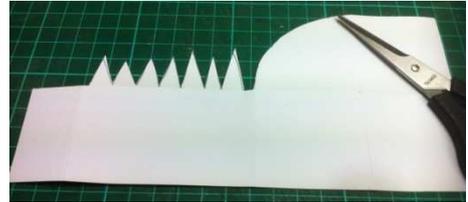
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6. Now burnish all your scored lines, then draw some “shark teeth” or triangles within the 3 1/8” section next to the arc as shown

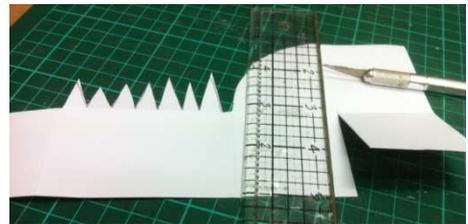


7. Cut along the arc, the triangles and the middle scoreline along the 1” section on the left.

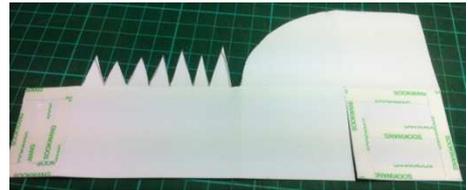
This is what you should have now



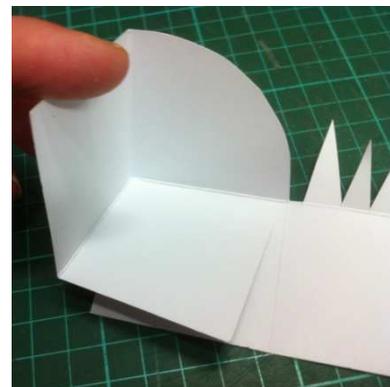
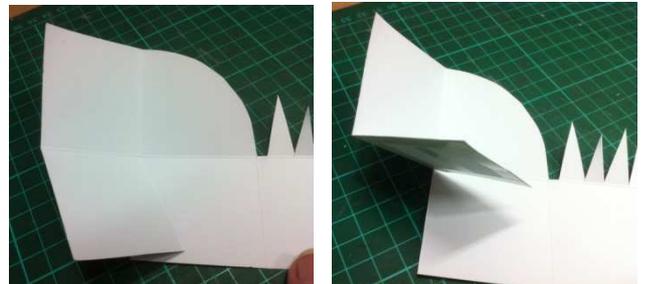
8. Using your scissors or ruler and craft knife, cut the first square intersecting line to the centre line as shown



9. Place double-sided tape (I use Scor-tape) on the bottom section at the left and the right as shown

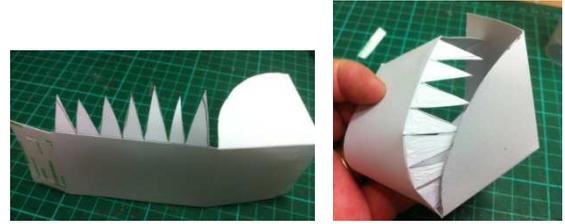


10. Remove the tape backing from the larger section on the right and adhere it on the adjacent bottom piece – this will be inside the box

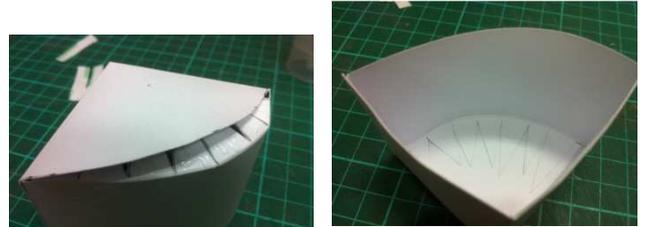


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11. Remove the tape backing from the remaining section, apply wet glue to the shark teeth (triangles) – the same side as the taped areas – and adhere the taped section to the opposite end **inside** the drawer while keeping the shark teeth sitting on the top of the base **inside** the drawer as shown



The cardstock drawer is now assembled



12. Cut a 1 7/8" x 3 1/8" piece of chipboard, place it on your trimmer and make 1/4" (roughly) slits by passing your blade over the chipboard **once** only in each 1/4" section – this is to allow us to make the curve of the drawer front



13. With the side you cut facing you, slightly open up each section until you get a curve happening



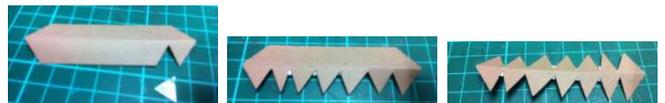
14. Punch a hole in the centre of this chipboard piece so that the drawer pull can be attached



15. Make some hinges by cutting an 11" piece of cardstock to 1", score in half lengthways, burnish scoreline, apply double-sided tape to both sides of the scoreline. You need to have 4 @ 1"x3 1/8" hinges per level of drawers

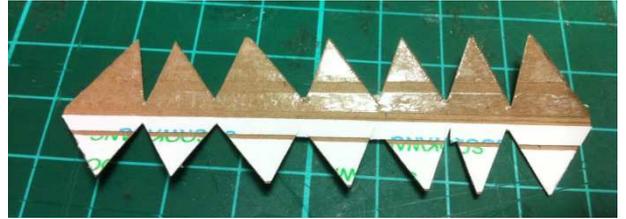


16. Cut triangular pieces along each side of the hinges, ensuring you cut at least 1/16" away from the scoreline



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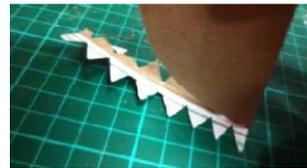
17. Remove the tape backing from one side of the hinge and place aside for now



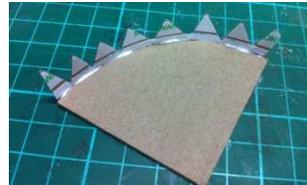
18. Cut a piece of chipboard to 2" x 2" and create the curved edge like we did for the cardstock by placing your ruler at the bottom right corner, marking a line 2" from that corner, marking from the bottom left corner to the top right corner, and join the dots. Using your Tim Holtz Tonic scissors, or a craft knife, cut along the curved edge. This piece will be adhered to the bottom of your drawer. Run a bead of wet glue (I used Scotch Quick Dry Adhesive) to the curved edge of this chipboard piece



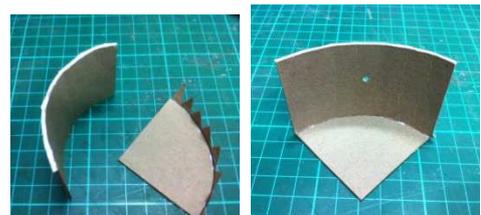
19. Adhere this curved chipboard piece to the hinge we just removed the tape backing from by positioning one end of the curved edge on one end of the hinge and rolling the curved piece onto the hinge until it reaches the end



20. Attach your shark-teeth hinge section to the flat surface of the curved chipboard piece



21. Remove the remaining tape backing from the other side of the hinge, apply wet glue to one edge of the curved 3 1/8" x 1 7/8" chipboard piece, and sitting it on top of the cone-shaped base piece, adhere the shark-teeth hinge to it



22. Paint, ink or spray your chipboard piece (I painted the edges with white gesso)



23. Cut a piece of patterned paper for the front of the drawer to 1 7/8" by 3 1/8" and adhere it to the front of the blade-scored chipboard piece

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24. Pierce through the hole made earlier in the chipboard, through the paper



25. Attach your drawer pull now



26. Adhere the cardstock drawer to your chipboard piece with wet glue (I used Aleene's Tacky Glue), by applying the adhesive on the inside of the cone-shaped base and inside the drawer front piece.



You may want to attach some clips to the top section so you can press down on the base areas until the glue is dry

27. Now make 3 more drawers like this to complete one level – I made 12 drawers in total for 3 levels

28. To make the drawer dividers, cut two pieces of chipboard measuring 2" x 4 1/4". Find the centre point, then using a ruler and craft knife cut down the centre of the long side 7/8" from the top down to the bottom, cutting a strip that is the thickness of your chipboard. Mine was about 1/16". Do this to both pieces



29. **NOTE:** I do not show it here but if you want to paint the dividers you need to do that now before you join them. I didn't do this to the first set of dividers and it was difficult to paint them after the CD's were attached

30. Place a bead of wet glue along both slits and push one of these dividers into the slot of the other so that they sit flush, making a cross. This is the dividers and support for your drawer unit



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31. Apply wet glue to one surface of a CD and stick it down to the back side of a piece of patterned paper. Do this to two CD's and place aside to dry



32. Once the glue is dry, cut around the CD using your scissors or craft knife, then sand the edges



33. Apply a bead of glue along the bottom edge of this "cross" piece and attach it centred to the covered disk



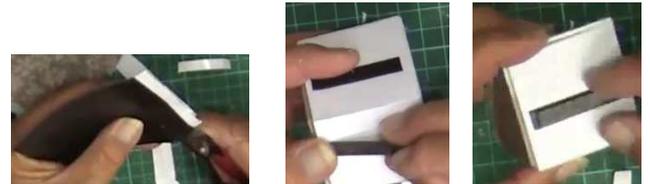
34. Once the divider piece is secure and the glue is dry on the CD, apply wet glue to the top edge of the divider pieces and adhere the second covered CD on the top



**NOTE: I'm adhering this top CD upside down so that when you turn it over you will see the patterned paper on the top of each CD**



35. Now cut some tape-backed magnet strips (I had mine approximately 1 1/2" x 1/4") and attach them to both sides of each drawer about an inch from the pointy end.



Place another strip of the magnet onto each of these adhered strips, remove the tape backing and carefully push in your drawer, then pushing against the sides of the dividers to adhere it.



Remove your drawer and firmly press down the divider magnet strips

Do this to all three of your drawers – your bottom level is now complete!

# Circular Drawer Storage Unit

I made my unit into three levels of drawers – a total of 12 drawers. My unit stands at 6 ¼” tall and is a perfect size. I’m using my circular drawers for my brads and eyelets!



You could also attach a spinner (lazy susan) to the base of your set of drawers! Your choices are endless!

**Disclaimer:** *I created this storage unit after watching a tutorial on YouTube by a lady named Einat Kessler. Einat designed these round drawers and has made a pdf template which she will upload to her blog when she returns from vacation. I just couldn't wait for the pdf and made my own pattern which does not use a template. I also added the chipboard to the drawers for strength and support.*

*Every effort has gone into ensuring the measurements I have added here to be correct. If for some reason you find things not working with these measurements and instructions please contact me via email at [ozegran@gmail.com](mailto:ozegran@gmail.com) or inbox me on YouTube. I am more than happy to help. I do have three videos up on YouTube and a Ustream recording which shows how I make these drawer units.*

*Jen (ozegran)*