SHELF CAT BOX PROJECT
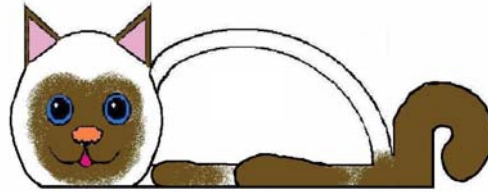
1.   The 3rd page has the pattern for the cat. The measurements are given in the picture so when you print it make any adjustments necessary so you have the correct size pattern. Photo #1 shows the cat box from the front with the lid on. Photo #2 shows the back of the box with the lid on.

2.   Using foam core cut out the cat shape. Leave off the tail. It should be smaller by 1/8" than the pattern. Cut another cat out using illustration board using the measurements provided. Leave the tail on this piece. From foam core cut a piece 2" x 6-3/4". Also cut from foam core a piece 2" x 4-3/4".

3.   Using regular white copy paper cut strips 2-1/8"" wide. Cut and glue strips of wood 1/16" x 5/32" x 2-1/4" to the paper with one end of the wood flush with one edge of the paper. Do enough so you can glue it around the perimeter of the cat piece without the tail (foam core piece).   Don't glue any wood strips to the section that separates the head and body yet.   See photo #3 (the section between the lines).

4.   Trim one end of the 2" x 6-3/4" foam cord at an angle so it will fit the curve of the head. Glue this inside to the wood and foam core.

5.   Trim the 2" x 4-3/4" piece of foam core at the same angle and glue it on top of the other piece so both straight ends are at the tail of the cat. See Photo #3.

6.   Using regular white copy paper cut strips 2-1/16" wide. Cut and glue strips of wood 1/16" x 5/32" x 2-3/16" to the paper with one end of the wood flush with one edge of the paper. Glue this to the section that separates the head and the body. Follow the correct curve. See Photo #3. Glue a piece of the paper to the wood facing the body so no wood shows in the interior of the cat body or head. Sand the exterior wood slightly to smooth it out.

7.   From regular white copy paper cut strips 7/16" wide. Cut and glue strips of wood 1/16" x 5/32" x 1/2" to the paper with one end of the wood flush with the edge of the paper. Do enough so you can glue it around the edge of the cat piece that has the tail.   But don't glue around the tail and don't glue the piece that separates the head and body yet. See Photo #5 (the section between the lines).   Let completely dry.

8.   When completely dry fit the lid to the box. See Photo #6. Remove lid and carefully cut out the gray area inside the body. See photo #4. Put the lid back on. Using a real short pencil reach inside the body and trace the curve of the head on the inside of the lid. Remove the lid.

9.   From regular white copy paper cut strips 7/16" wide. Cut and glue strips of wood 1/16" x 5/32" x 7/16" to the paper with one end of the wood flush with the edge of the paper. Do enough so you can glue it on the inside of the lid, following the curve you just traced. When you glue it make a slight gap from the ear to the head and stop before you reach the floor. See Photo #7.

10.   Stain or paint the exterior wood. I painted my cat to look like a Siamese but you can paint yours however you wish. You can also cut a piece of acrylic to put inside the front opening to keep dust out.

11.   I hide my battery pack inside the cat's head. If you don't want to electrify yours and want more room. You could cut out the interior of the head and have a second room.
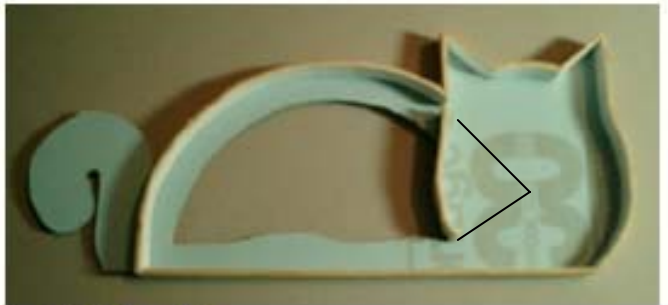
Photo #1

Photo #2
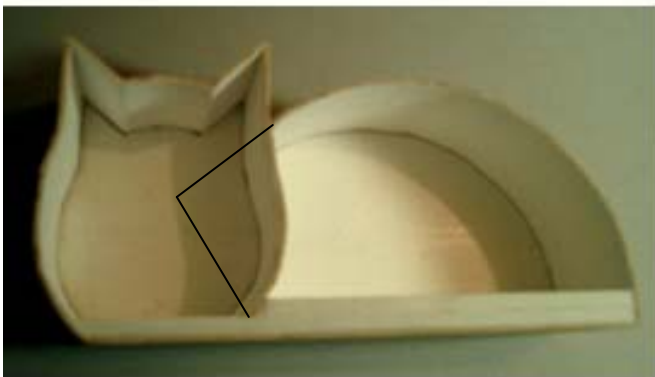

Photo #3

Photo #4

Photo #5

Photo #6

Photo #7

Patterns: may not be to scale. Use measurements in second picture.

cut out

3-1/8"

cut out
gray areas

cut out
gray areas

3-1/8"

2-7/8"

7-1/8"

1-7/8"

cut out
gray areas

cut out
gray areas

5/8"

1-5/8"

3"

7/16"

7/16"