

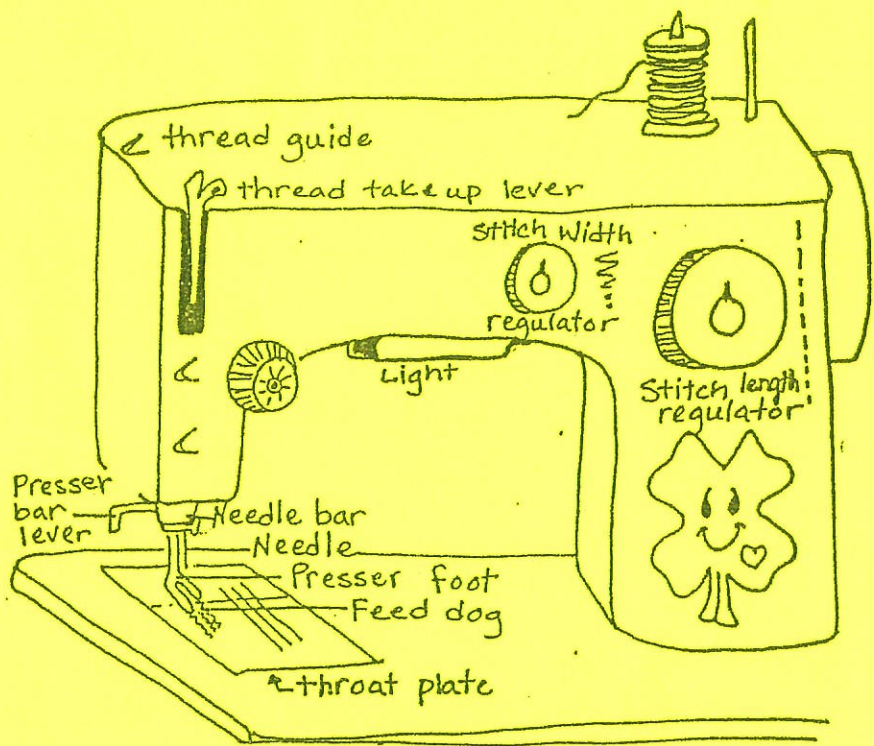


Mini 4-H



Sewing

Divisions 1, 2 & 3



Developed by
Purdue University Cooperative Extension Service
Area 7 4-H/Youth Development Educators
(Blackford, Delaware, Fayette, Franklin, Henry, Jay, Madison,
Randolph, Rush, Union, & Wayne Counties)

Compiled by

RaeAnn O'Neill, CED, 4-H/Youth Development, Purdue University
Cooperative Extension Service, Blackford County
Susan Trutner, CED, 4-H/Youth Development, Franklin County

Reviewed and Edited by Area 7 Extension Educators

Rich Chalupa, 4-H/Youth Development, Delaware County
Carolyn Miner, 4-H/Youth Development, Delaware County
David Caldwell, 4-H/Youth Development, Fayette County
Leanne M. Burrow, 4-H/Youth Development, - Henry County
Jeanette Findley, 4-H/Youth Development, Madison County
Brian Gauck, CED, 4-H/Youth Development, Rush County
John Crites, CED, 4-H/Youth Development, Ag/NR, Union County
Debra Searcy, CED, 4-H/Youth Development, Wayne County

Resources and References

Mini 4-H Sewing I,II, III Manual, Madison County, Indiana
Mini 4-H Clothing Manual, Henry County, Indiana
Mini 4-H Sewing A,B, C Manual, Franklin County, Indiana
Mini 4-H Sewing Manual, Blackford County, Indiana
Mini 4-H Sewing Manual, Decator County, Indiana
Sewing for Fun, Nebraska Cooperative Extension 4-H 169

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Mini 4-H Parent's Page



Welcome to the Mini 4-H Program! Mini 4-H is designed for youth, ages 7 -to-9, to explore a variety of project areas.

Your child received this project manual when enrolling in Mini 4-H. This manual will provide fun, age-appropriate learning activities.

As a Mini 4-H parent, your job will be to guide and encourage your child through the activity. It is highly suggested that you do not complete the activities for them. Instead, help them, guide them, work with them, and let them do all that they possibly can. The 4-H motto is "learn by doing" ... and is the best educational tool that we can provide for youth.

Additionally, the Mini 4-H program is set up to allow your child to exhibit a project at the 4-H Fair. This project is based upon information within this manual.

The 4-H Fair is an exciting time for 4-H members and families. It is a week that allows community youth to showcase their talents, interests and enthusiasm for learning.

Mini 4-H is fun! Your child cannot help but enjoy it! You can have fun too, by guiding and helping as your child participates in the program. Encourage and praise your child as he/she have fun learning and sharing with you.

If you have any questions regarding Mini 4-H or other 4-H programs, please feel free to contact your local Extension Office.



Mini 4-H'ers Page



Welcome to Mini 4-H! You are now a member of the 4-H family. You are a special person.

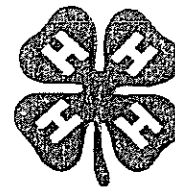
Mini 4-H'ers have lots of fun! There are lots of activities for you to explore. You can try new things. You can share it with your friends and family.

Mom, Dad or another adult can help you with your project. Bring your project to the 4-H Fair and lots of people will be able to see what you have done. You also get a ribbon made just for Mini 4-H'ers.



Here are some things to know about 4-H.

The 4-H Symbol: A four-leaf clover with an "H" in each leaf



4-H Colors: Green and White

The 4-H Motto: To make the best, better.

The 4-H Pledge: I pledge my *Head* to clearer thinking,
my *Heart* to greater loyalty,
my *Hands* to larger service, and
my *Health* to better living,
in my club, my community,
my country, and my world.

Why Sew?

Sewing is an important life skill. You may someday need to know how to sew a button on your shirt, repair a hem, or stitch closed a hole in a pocket. In this project you will learn the basic skills needed for sewing. You will also begin assembling the equipment necessary for doing basic home sewing and repair work.

It is not necessary to have a sewing machine to do this project. There are several projects listed that do not require a sewing machine. There are also several you can do with a machine. It is up to you to choose!

Rules of the Game!

Good sewing habits begin as you start learning how to sew. Remember these simple rules:

1. Wash your hands thoroughly before you start sewing or working with fabric.
2. Good posture always helps.
3. It's always easier to sit at a table, than to work from your lap.
4. Work in an area that has enough light.
5. Always put your work away when finished for the day.
6. Good pressing helps keep work neat.

▼ Project A -- Sewing Kit

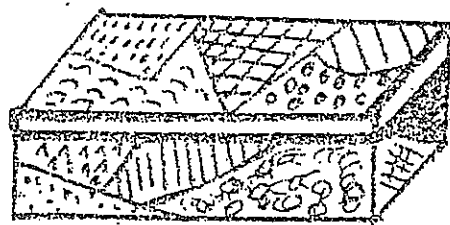
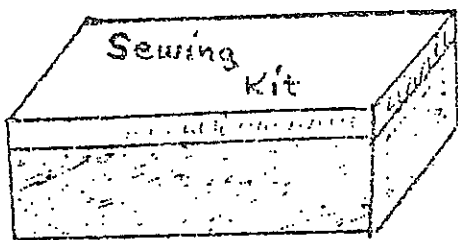
With this project you will make a sewing kit. You will put things in the sewing kit that will help you sew. The objective of this project is to give the 4-H'er experience cutting and handling fabric.

1. Find a sturdy shoe box to use for your sewing kit.

2. Find some scraps of fabric and trim to use to decorate your sewing kit.
3. Visit a fabric store. Look at all the things it has that will help you sew. You may want to buy some of these items for your sewing kit. Take this book along so you will know what you need.

Making Your Sewing Kit

Use a sturdy shoe box with a lid for the kit. Cover the box and lid with fabric. You can use scraps of material such as denim, cotton or knit. Use fabric glue or spray glue to attach the fabric to the box.



After covering the box with fabric, you may want to decorate it with lace, rick rack, fringe, braid, or other trim. Attach with glue.

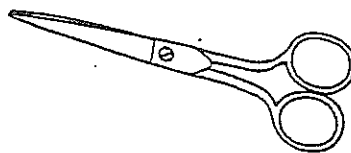
Suggested Tools for Your Sewing Box

Scissors	Needles (size 7 or 8)	Thread
Pins	Tape Measure	Tailor's chalk
A small ruler	Pin Cushion (you can make your own with Project B)	

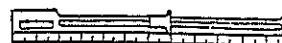
Know Your Basic Sewing Tools

Here are some basic sewing tools you should include in your sewing box. It is important to know what your tools are, to be able to use them, and to be able to call them by name. You may already be familiar with some of these tools!

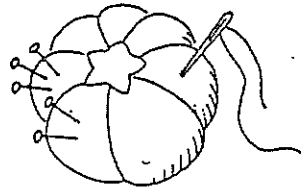
SCISSORS: Used for clipping and trimming; scissors are small and have straight handles.



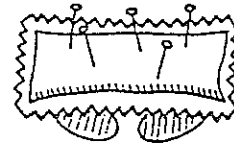
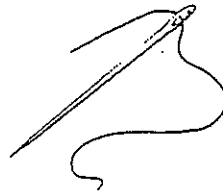
RULER: A 6-inch ruler or seam gauge is useful for measuring hems or seams.



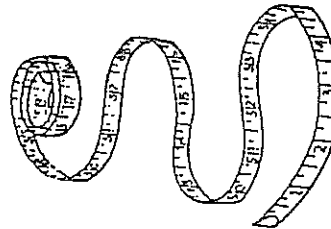
PINCUSHION: Used to hold pins. (You may choose to make your own. It is Project B in this book.



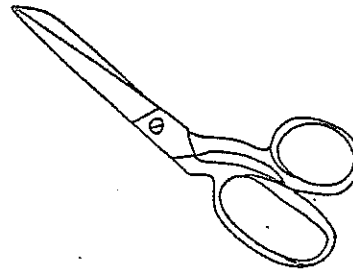
NEEDLES: Straight, sharp needles come in different sizes. The ones with long eyes are easier to thread.



MEASURING TAPE: A 60-inch coated measuring tape is best because it won't stretch.



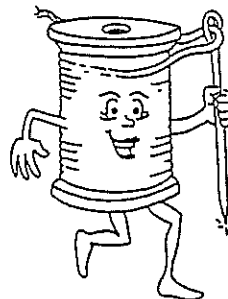
SHEARS: Used for cutting the fabric; shears are 7 or more inches long and should be sharp. Shears with bent handles make it easier to cut on a flat surface.



PINS: Used to hold pieces of fabric together for sewing; Dressmaker, silk and ballpoint pins are available. Do not use bent or rusty pins.



THREAD: It should match your fabric. You may want to ask your parent or the salesclerk for help in selecting the best type and color.



▼ Project B -- Pin Cushion

A pin cushion is a very important sewing tool. It will help you to handle and

store your pins and needles while you are sewing. The objective of this project: the 4-H'er will use a pattern and begin basic hand sewing. This tool will then be part of the sewing kit.

Let's Learn Some Sewing Definitions

KNIT - This is a certain type of fabric that stretches easily when pulled. A knit fabric has a lot of give to it.

FOLD - Simply refers to the edge of the fabric that is folded, when a piece of material is folded in half.

PATTERN - A guide (like the one found in this manual) which is pinned to fabric and cut around.

Let's Make a Pin Cushion

Items needed:

1 - 3 inch styrofoam ball

Medium weight knit fabric - any color at least 12 inches wide and 12 inches long

Large eyed needle or #14 arts and craft needle

Embroidery floss or yarn

Scissors

Straight pins

Tailor's chalk

Read all instructions before you begin.

1. Fold your fabric in half.
2. Cut out the half-circle which is in the manual, and place the pattern on the fold of your fabric.
3. With straight pins, pin the pattern in place on the fabric.
4. Very carefully cut around the pattern, keeping the fabric flat on the cutting surface. Open up your fabric and you will have a circle.
5. With tailor's chalk, mark the broken lines on your fabric circle, in the same places they are found on your pattern, about 1 1/2 inches from the edge.
6. Thread your needle. If you are using yarn, use a #14 arts and crafts needle. If you are sewing with embroidery floss, use a doubled thread and a crewel or large eyed needle. You may need an adult to help you get the yarn or floss through the eye of the needle.
7. Following the broken lines on the fabric, very carefully make your basting stitches. Try to keep them all about the same size, and be sure you stitch all the way around the circle.
8. With your parent's help, take a knife and cut approximately 1/4 inch off the bottom of the styrofoam ball. Make the edge even so the ball will not roll.

9. Put the styrofoam ball in the center of your fabric circle and slowly draw the strings up tightly. When the fabric is drawn snugly around the ball, make a tight bow.

10. To make sure your ties don't unravel, put a knot in each end.

You have just completed your very own pin cushion! Great job!

▼ Project C -- Kool Cat and Honey Bear

Sewing is fun and Kool Cat and Honey Bear will show you how much fun it is. In this project the object will be to learn a few basic stitches and how to sew on buttons.

We will be using a tapestry or crewel embroidery needle. These needles have large eyes, making them easier to thread, and the points of either of these needles are not as sharp as regular sewing needles.

Before you make Kool Cat and Honey Bear use the practice sheet to learn the stitches you will be using. But first, we must learn how to tie a knot, sew on buttons do the straight and overcast stitch. A practice sheet is included in this manual.

Let's Learn Some Sewing Definitions

DOUBLE THREAD - A double thread is made by threading a needle and tying the two ends together.

BASTING STITCHES - Large, loose stitches that weave in and out of the fabric. Stitches are all approximately the same size.

STRAIGHT STITCH - done by sewing in and out of the material. Put the needle and thread through the fabric, bring the needle back through the fabric. Stitches are all approximately the same size. Repeat. The straight stitch will be used for Kool Cat's whiskers and nose.

Tips for Knotting a Thread

Twist the end of thread around the first finger of your hand 2 times and with your thumb, roll it off your finger. Pull the thread with your finger and thumb, and you will have knotted the thread. Do this several times with a piece of thread until you can easily tie a knot.

Now thread your needle with your favorite color of thread and knot the thread. If you use a double thread, your thread will not come out of the needle while you are sewing. A double thread means you knot both ends of your thread together.

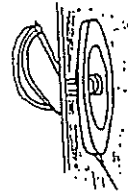
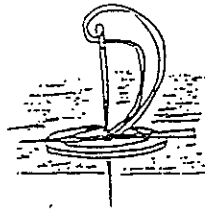
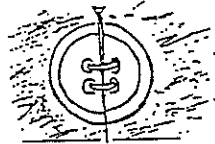
Tips for Sewing on Buttons

1. Using double thread, take 1 or 2 small stitches at the point where the button will be attached.

2. Hold a pin across the top of the bottom and take a stitch over it. Use 2-hole buttons.

3. Take several stitches over the pin & through the fabric.

4. Remove the pin, and bring the needle and thread through the fabric.

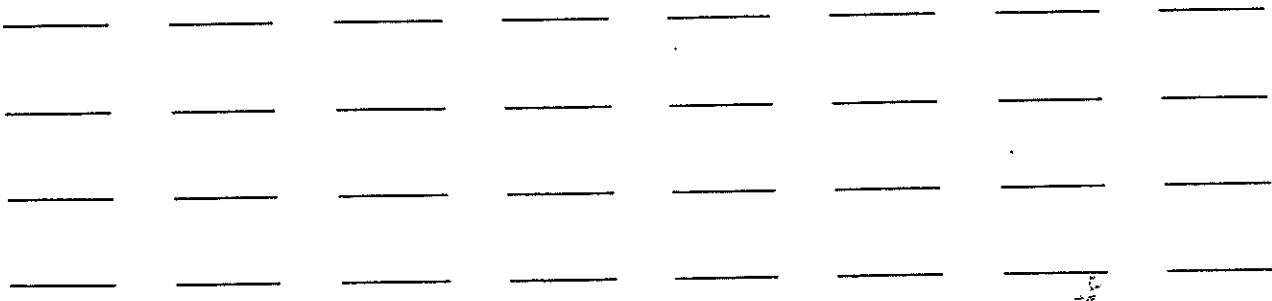


The Overcast Stitch

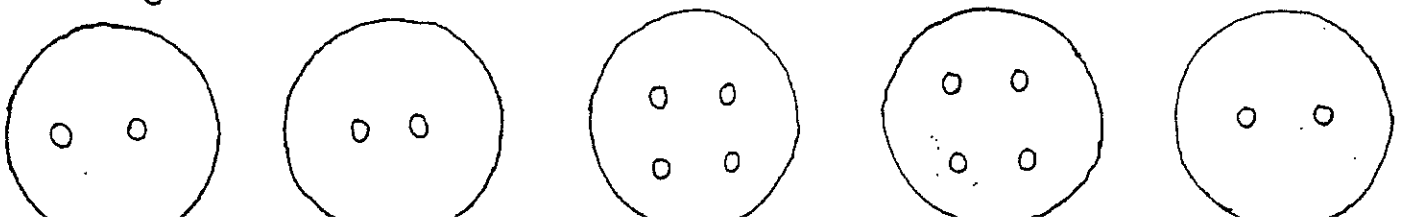
The overcast stitch is used on the edge of your material to keep it from fraying or to hold two pieces of material together. Put your needle into the practice sheet at the top of the mark and bring it back through at the bottom, repeat.

Practice Sheet

Straight Stitch:



Sewing on Buttons:



Overcast Stitches:



How to Cut Out Kool Cat and Honey Bear

Cut out the patterns carefully, place on the felt and trace around the pattern with a pencil or pen.

Cut out carefully on the face, draw in the lines for the ears, whiskers, dots where the eyes, nose and mouth are to go.

KOOL CAT: Thread your needle with black embroidery floss and knot. Using straight stitches, sew the whiskers, nose and ear marks. Sew on buttons for the eyes and mouth.

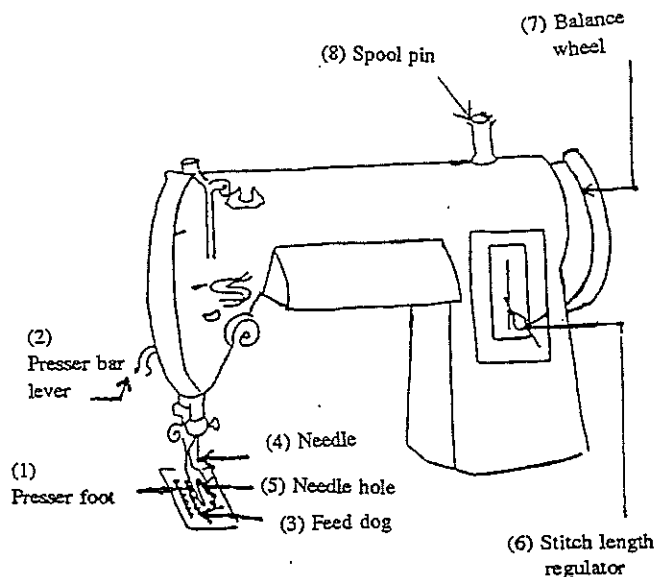
HONEY BEAR: Use straight stitches in the ears and buttons for the eyes, nose and mouth.

TO FINISH: Place the face on top of the back head, pin together and use yarn to overcast stitch the two pieces together. Begin sewing at neck edge and stitch to within 2 inches of the neck. Stuff with poly foam and continue stitching.

For this sewing project you are required to make one of the animals and to complete the practice sheet.

▼ Project D -- Meeting Your Machine

Your Sewing Machine



1. **Presser foot:** It holds the fabric in place as you sew.
2. **Presser bar lever:** It raises & lowers the presser foot.
3. **Feed dog:** These are small teeth, under the presser foot, that move the fabric to the needle as you sew.
4. **Needle:** It carries the top thread to make stitches.
5. **Needle hole:** This is the opening the needle goes through as it goes up and down.
6. **Stitch length regulator:** This makes stitches longer or shorter.
7. **Balance wheel:** This helps the needle run up and down smoothly.
8. **Spool Pin:** The spool pin holds the spool of thread in place.

NOT SHOWN:

Bobbin: This holds the thread for the under side of the seam.

Knee Lever or Foot Control: It makes the machine go faster or slower.

Learning to Use Your Machine

Practice helps you learn to use a sewing machine. Follow these steps:

Begin by running the machine with the presser foot up. Try different speeds. Learn to start and stop slowly and smoothly. Do your first stitching without thread. Use the practice stitching guide in this manual to practice stitching straight lines. Start by putting the needle through one of the lines. Next, put the presser foot down and begin to stitch. Guide the paper gently with your left hand. Don't push or pull, be careful that your fingers don't get too close to the needle.

Now, try turning a corner. To turn a corner, leave the needle in the paper, raise the presser foot and turn the paper. Then lower the presser foot and start stitching again.

Practice stitching corners and curves. Use the practice stitching guide in this manual.

Once you can stitch straight and curved lines and turn corners, you are ready to sew with thread, using scraps of material. Ask your parent or leader how to thread the machine or read the directions in your sewing machine manual. Also learn how to wind and put the bobbin into the machine. Practice until you can do these things by yourself.

▼ Project E -- Throw Pillow

Stitching Length

Most machines can sew from 6 to 20 stitches in an inch. Some will make more. Practice sewing of fabric, using different stitch lengths.

A regular stitch length is 10 to 12 stitches in an inch. This is the size to use for permanent stitching on whatever you sew.

You can do basting on a sewing machine, too. These are long stitches that you take out later. Use six stitches to an inch for basting.

Preparing Your Throw Pillow

1. Make a pattern using a ruler or yardstick and heavy paper, such as a brown grocery bag or any other heavy paper. Draw a square 13 1/2 inches long and 13 1/2 inches wide. Cut this square on the line you have drawn.

2. Fold in half the fabric you have purchased for the pillow and lay this pattern on the fabric. Pin it so that it will be secure and won't move while you are cutting around it.

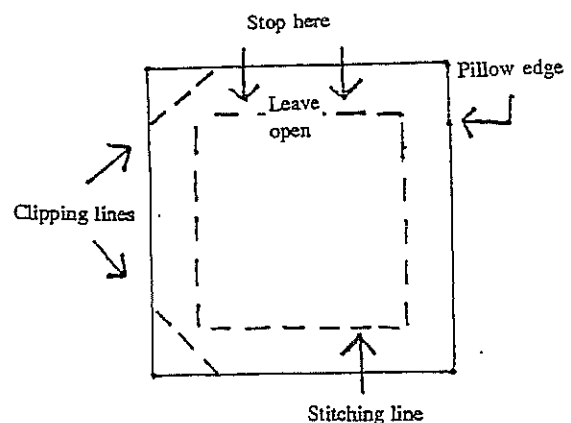
3. With your scissors, cut along the edge of your pattern. Now you have 2 pieces of fabric.

4. Place right sides of fabric together.

5. Using the sewing machine, stitch 5/8 inch from the edge of the fabric making a seam. Do this on three sides. On the opening side, stitch 1 inch from the pillow edge. Don't forget to leave an area unstitched for turning!

6. Clip four corners of the pillow as shown.

7. Press all seams open with a warm iron.



8. Turn your pillow inside out making the right side of the fabric on the outside.
9. Stuff your pillow with a pillow filling of your choice, such as a 12 inch pillow form, regular pillow filling or beans for a bean bag.
10. Now you are ready to hand stitch the open end of your pillow to close. Make sure the raw edges are tucked inside the pillow.



What & How to Exhibit



Here is a list of Fair projects for you to choose. Please pick one project that you would like to exhibit at the fair. You do not have to make the projects in any specific order. If you have any questions about your projects, please call your 4-H Leader or the Extension Office. There are people there who can help you.

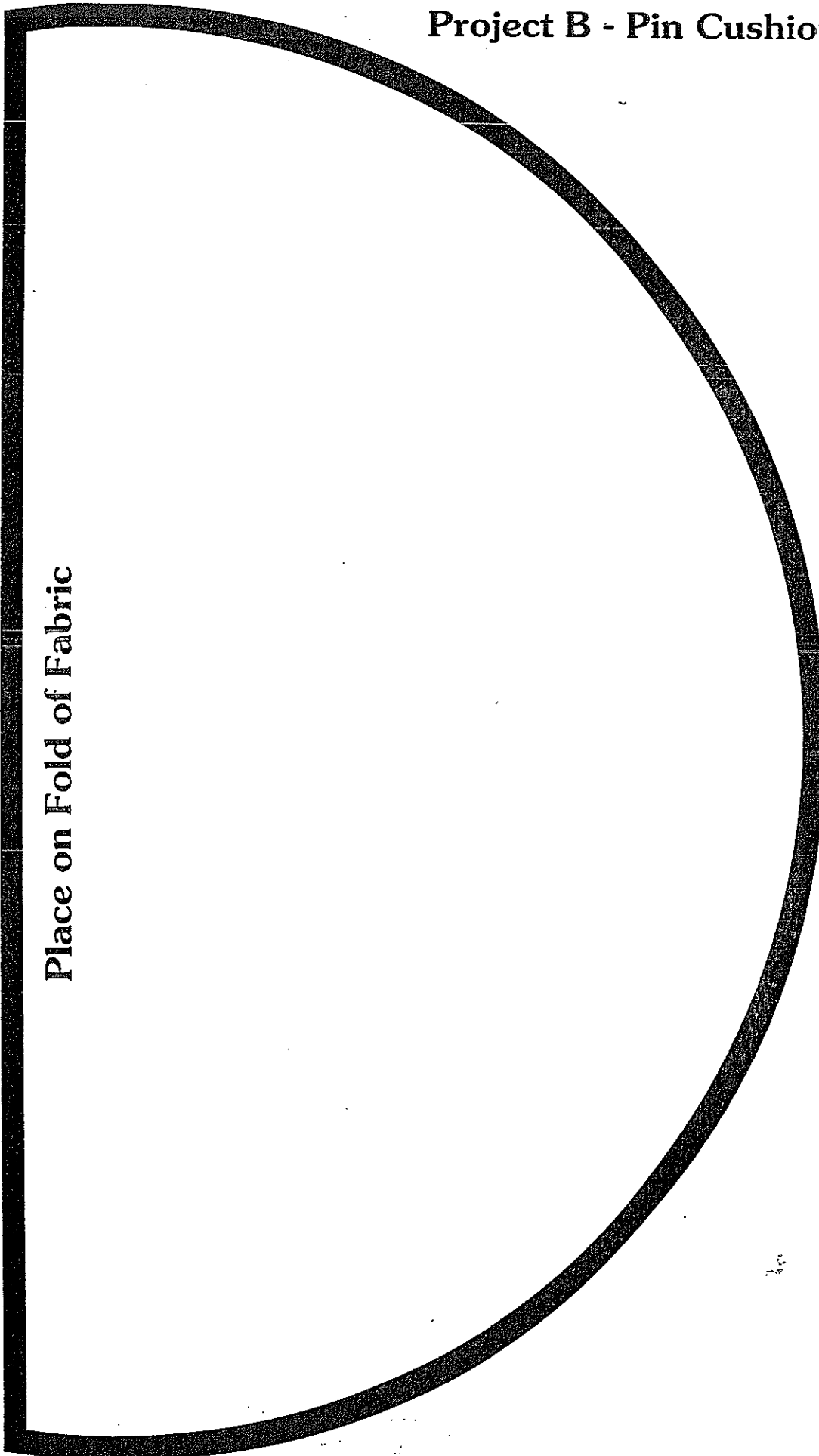
- ◆ Sewing Kit - Project A. You may want to include a few items in your sewing kit that you will be using with your future sewing project.
- ◆ Pin Cushion - Project B.
- ◆ Cool Cat and Honey Bear - Project C.
- ◆ Machine Practice Pages - Project D. Attach your practice pages to a poster according to your county poster requirements.
- ◆ Throw Pillow - Project E. Exhibit one pillow that you have made.

For information on how to label your project, when to enter it in the Fair, and where the project needs to go, please contact your Extension Office.

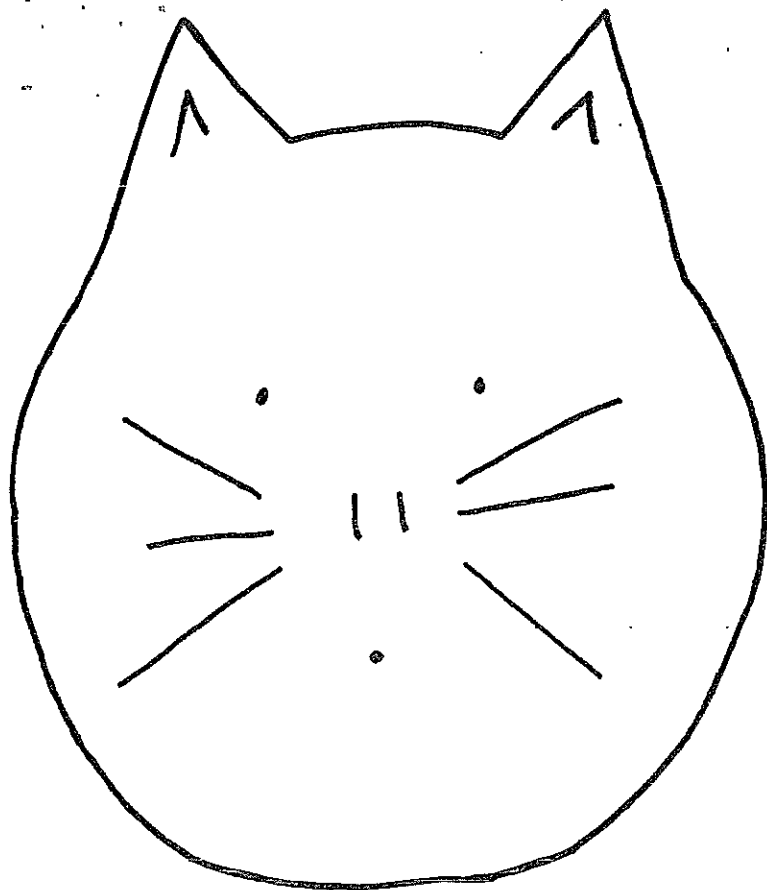
Good Luck at the Fair!

Project B - Pin Cushion Pattern

Place on Fold of Fabric



Cut Along This Line



KOOL CAT

PATTERNS FOR

KOOL CAT
AND
HONEY BEAR

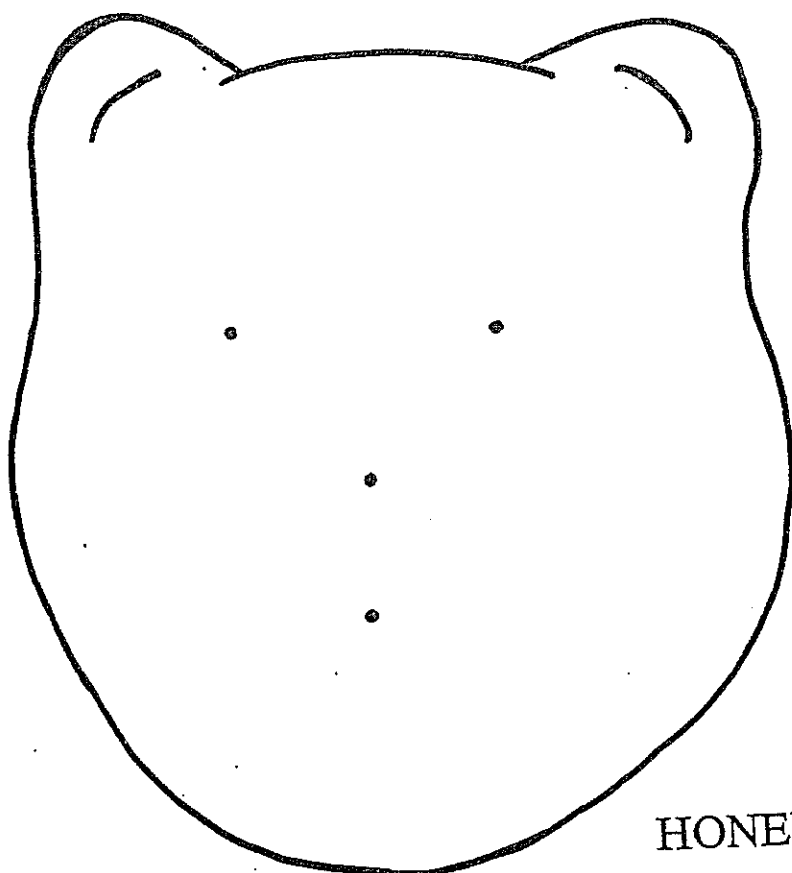
MATERIALS NEEDED:

KOOL CAT

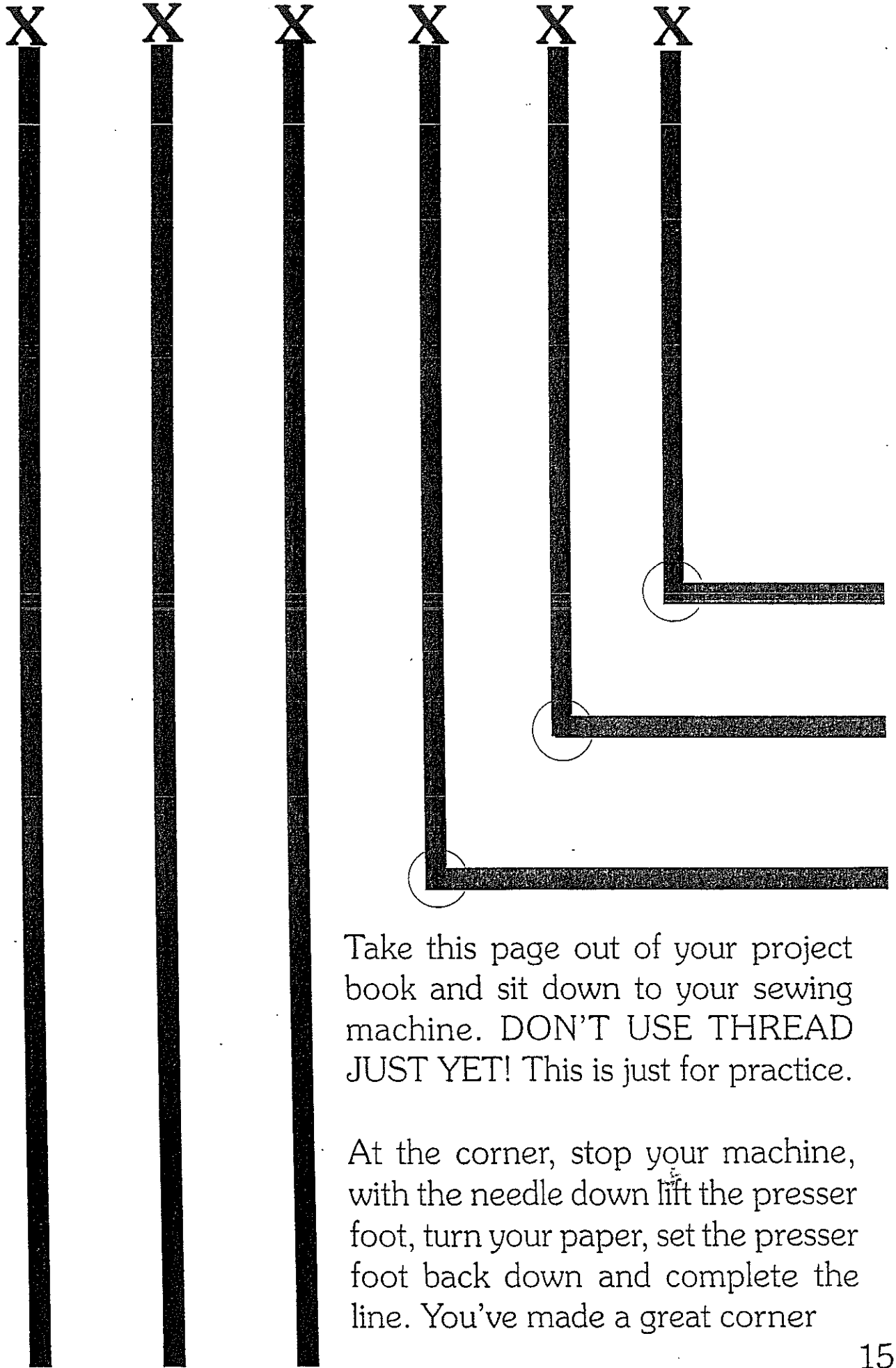
Felt 4 1/2" X 9"
Buttons 2 large
 1 small
Thread, yarn
or embroidery
floss . . . to match felt,
buttons and black thread

HONEY BEAR

Felt 4 1/2" x 9"
Buttons 2 large
 2 small
Thread, yarn
or embroidery
floss to match felt,
buttons and black thread



HONEY BEAR



Take this page out of your project book and sit down to your sewing machine. DON'T USE THREAD JUST YET! This is just for practice.

At the corner, stop your machine, with the needle down lift the presser foot, turn your paper, set the presser foot back down and complete the line. You've made a great corner

