Your 4-H CLOTHING & TEXTILES Project

This 4-H project will help you gain confidence in yourself by being able to plan, design and create your own sewing projects. Some of the skills you can learn and activities you can do in this project are listed below. Check your favorites and work with your 4-H leaders and parents to make a 4-H project plan of what you would like to do and learn this year.

- Select and use sewing tools properly
- Learn the parts of a sewing machine
- Learn how to operate a sewing machine correctly
- Learn to select fabric and notions for sewing projects
- Make at least one sewing project
- Exhibit at least one of your projects for project competition
- Learn one new sewing skill
- Complete a service project related to clothing and textiles
- Identify different types of fabric
- Other

Sewing Machine Parts

Below are the descriptions to some of the sewing machine parts on the right side of the page. Can you find the definitions for the other parts of the sewing machine highlighted in yellow? Using the Internet, search other sewing machine Websites to figure out what the other parts of the sewing machine do. Write your answers on the back of this page.

Reverse stitch lever: used to backstitch at the beginning and end of the stitching.

Bobbin winder stopper: mechanism used to stop the winding of bobbin when full.

Bobbin winder spindle: mechanism used to hold bobbin to wind thread on bobbin.

Pattern selector dial: used to select different stitches such as zigzag stitches.

Upper thread guide: guides the thread through the machine.

Face plate: cover that protects the gears that operate the machine.

MAKE YOUR OWN SEWING BOX

Use a shoe box (you can decorate the outside of the box) or a small, plastic storage container for your sewing box. Your box should contain the following basic sewing items:

- **Scissors** are used for clipping threads, cutting corners and trimming seams.
- **Thimble** is worn on the middle finger of your sewing hand to push the needle through the fabric.
- **Pins** are for used to hold things together temporarily.
- **Hand sewing needles** are used for hand sewing.
- **Tape measure** should be a 60-inch metal-tipped tape measure.
- **Hem gauge** should be six inches long. It is used for measuring short lengths.
- **Seam ripper** is a small tool with a blade to remove stitching.

Pins

Hand sewing needles

Tape measure

Hem gauge

Seam ripper

Developed by Karen Nelms, Extension Agent, Grainger County and Nancy Marshall, Extension Agent, Hamblen County
Fun Sewing Project—Make a CUDDLY BEAR

Material you will need to complete your project:

- One yard of fabric
- Matching thread
- Scissors
- Polyester fiberfill

1. Find a bear pattern from a coloring book and copy onto a piece of paper.
2. Cut out the paper pattern.
3. Fold the fabric with wrong sides together, creating a double thickness.
5. Cut out the pattern.
6. Remove the paper pattern and pin the fabric to hold the pieces together while sewing.
7. Stitch a one-half inch seam using a short stitch length around the outer cut edges of the critter leaving a 2- to 3-inch opening for stuffing. Be sure to backstitch at beginning and ending of stitching.
8. Stuff with polyester fiberfill until happy with fluffiness.
9. Stitch the opening closed either by hand or sewing machine.
10. Clip into the seam allowance every one-fourth inch around the bear. Do not clip through stitching. This will give your critter a frayed edge when laundered. If you clip into the thread, go back and sew over that stitch again to close the opening. Don’t forget to backstitch at beginning and end.

If this project was fun, you may want to make another for a friend or a sick child in the hospital as a service project.

Career Scavenger Hunt

By asking others, researching on the Internet, or reading a book or magazine, search for a job that uses sewing and clothing skills and knowledge. Look for the following:

1. Job Title ____________________________
2. Job Description _________________________________________________________________
3. Education Required _______________________________________________________________

SERVICE IDEAS

- Donate outgrown clothing to shelters or Goodwill™.
- Make a cuddly bear for a gift.
- Make a cuddly bear for a child in need.
- Sew on buttons for friends or relatives.

Additional Resources

This activity sheet has given you the opportunity to explore things to think about as you make decisions in clothing and textiles. You’ve made a sewing box, sewn a cuddly bear and learned lots of other things. But this is just the beginning! Use the resources listed below to continue learning about line and design.

- School and public libraries
- People who know how to sew
- Sewing machine manual
- 4-H project groups
- The 4-H clothing & textiles Web Page: http://www.utextension.utk.edu/4h/projects/clothingtextiles.htm

For more ideas contact your 4-H office.

Other 4-H Clothing & Textiles Activities

- 4-H Clover Style Show
- 4-H Demonstrations
- 4-H Table Top Exhibits
- 4-H Fashion & Design Camp
- 4-H Camp crafts
- Fair Exhibits

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