Unit 02: Sewing Lab: Sewing Pattern Markings, Instructions and Projects

Content Area: **Family and Consumer Sciences**
Course(s):
Time Period: **Marking Period 1**
Length: **ongoing**
Status: **Published**

Brief Summary of Unit

Students will learn how to utilize a sewing pattern. Basic pattern markings, fabric characteristics, sewing vocabulary and concepts will be explored to insure that each student understands the importance of utilizing pattern symbols and instructions to complete sewing projects. Students will complete three required sewing projects then create and design their own. Students will identify a common problem, design a product that will address the problem and build the product with their hand and machine sewing skills. Students will proceed through each unit based on their affinity for and ability to incorporate safe sewing practices.

In this course, students are provided with opportunities to develop skills that pertain to a variety of careers. When completing this course, students can make informed choices and pursue electives in the FCS program that further their study and contribute toward the formation of career interest.

Reviewed Summer 2026

Standards

Standards for Mathematical Practice (2023)

MATH.K-12.1 Make sense of problems and persevere in solving them

MATH.K-12.5 Use appropriate tools strategically

Practices of English Language Arts (2023)

ELA.K-12.1 Developing Responsibility for Learning: Cultivating independence, self-reflection, and responsibility for one’s own learning.

Comprehensive Health and Physical Education Practices (2020)

HE.K-12.P.3 Communicating clearly and effectively (verbal and nonverbal)

Comprehensive Health and Physical Education (2020)

2.3.8.PS.1: Assess the degree of risk in a variety of situations, and identify strategies needed to reduce deliberate and non-deliberate injuries to self and others

Career Readiness, Life Literacies and Key Skills (2026)

9.4.KC.6-8.1 Develop and apply group norms to support collaboration, shared responsibility, and respectful interactions with peers.

Computer Science, Innovation, and Society

8.2.NT.6-8.3 Safely use appropriate measuring instruments, hand tools, power tools, machines, and materials to construct a prototype.

National Standards for Family and Consumer Sciences Education:

16.2.1: Apply appropriate terminology for identifying, comparing, and analyzing the most common generic textile fibers and fabrics.

16.7.4: Demonstrate procedures for reporting and handling accidents, safety, and security incidents.

ELD standards:

Standard 1: Language for Social and Instructional Purposes

English language learners communicate for social and instructional purposes within the

school setting.

Essential Questions

- Why is following instructions to a project important?
- What are the possible outcomes if instructions are not followed?
- What are some common symbols used to assist in following instructions in everyday life?
- What happens when instructions are not followed?
- What are sewing pattern markings?
- Why are the following skills learned in class going to be useful for all class projects? Small hand

sewing equipment uses, how to utilize a sewing machine, sewing pattern markings and how to read instructions
- How can sewing skills enhance everyday life?
- How can sewing skills be applied to the creation and building of unique projects?

Students Will Know

- basic sewing pattern markings
- how to create, and design unique projects with their sewing skills
- how to read, comprehend and utilize sewing pattern instructions
- how to transfer sewing pattern markings to fabric
- how to utilize pattern markings to insure project success
- how to utilize sewing skills and knowledge to sew projects effectively, quickly and correctly.
- the meaning of basic pattern symbols.
- vocabulary regarding fabric (selvage edge, grain, bias)
- what is meant by fabric grain.

Students Will Be Skilled At

- designing their own unique product and constructing it successfully
- identifying and defining sewing pattern markings
- reading, comprehending and following sewing pattern instructions
- transferring sewing pattern markings utilizing tracing wheel and tracing paper or tailor's chalk
- utilizing learned hand sewing equipment to prepare pattern and fabric for construction

Evidence/Performance Tasks

FCS courses are designed to promote skill attainment. Student progression and pace through which they proceed through the performance tasks is based on their affinity for and ability to reach skill attainment. The teacher will determine formative and summative skill attainment; alternative assessments will be incorporated for each student based on their strengths and challenges.

- Students will complete a diagram of their first project identifying all sewing pattern markings and their significance.
- Students will pin the selvage edge of their fabric together utilizing straight pins and correctly aligning grain and bias threads
- Students will correctly align their sewing pattern to their fabric and cut it out correctly
- Students will transfer the sewing pattern markings to their fabric.
- Students will be able to complete simple tasks following written instructions.
- Written tests, quizzes, worksheets and self evaluated project updates will be completed

- Students will complete:
    - Fabric sample with 2, ⅝" seams
    - 5 perfectly sewn paper lines
    - T-Shirt Bag
    - Drawstring Bag
    - Small pillow
    - (optional) "Shark Tank Invention" : Students will identify a problem then create, design and build a solution utilizing their sewing skills. / Scraps Project: Students will identify a product that can be sewn from left over fabric
- Students will discuss the essential questions
- Students will align their selvage edges, pin their sewing pattern to their fabric, cut out drawstring bag project, correctly transfer all pattern markings to fabric.
- Students will engage in a lesson on how to read instructions utilizing a contrived list of things to accomplish.
- Students will utilize, apply and share acquired skills and strategies throughout the cycle class.
- (optional) Students will learn to use a serger safely and effectively as relateds to student readiness for use of this equipment.

Learning Plan

- Students will be led in discussing the essential questions
- The teacher will facilitate discussion with individual students regarding sewing pattern markings while students complete a sewing pattern diagram.
- Students will be assisted in differentiated ways to align their selvage edges, pin their sewing pattern to their fabric, cut out drawstring bag project, correctly transfer all pattern markings to fabric.
- Students will engage in a teacher-provided lesson on how to read instructions utilizing a contrived list of things to accomplish.
- Differentiated support will be provided to students based on their level of skill mastery and ability to manipulate tools
- (optional) Students who demonstrate advanced skills may be guided in understanding how to use a serger.
- If time allows, teacher can lead discussion on careers in styling, dying and the changing role of technology in the field of textiles.

Materials

The materials used in this course allow for integration of a variety of instructional, supplemental, and intervention materials that support student learners at all levels in the school and home environments.

Associated web content and media sources are infused into the unit as applicable and available

The link that connects to district approved textbooks and resources utilized in this course can be found on the Curriculum and Instruction webpage: CORE BOOK LIST

Any additional resources, not included in the current Core Book List, must be explicitly presented to and reviewed by the supervisor the week before the resource is included into lesson plans. This ensures resources are reviewed and vetted for relevance and appropriateness prior to implementation.

- Classroom packet with worksheets and class activitiy papers
- Computer and projector
- Fabric
- Overhead projector
- Sewing machines
- Small sewing equipment ie: scissors, shears, straignt pins, seam rippers, tracing wheels and paper, seam gauges
- Written tests, quizzes, worksheets and self evaluated project rubric

Suggested Strategies for Modifications

https://docs.google.com/spreadsheets/d/1ZSDsCUamViCaBpr1lPOB7FJEC-jx4KnDjZzegIUKeMg/edit?usp=sharing