

# Unit 09: Advanced Sewing Skills

Content Area: **Family and Consumer Science**  
Course(s): **Family & Consumer Science II**  
Time Period: **4 weeks**  
Length: **Weeks**  
Status: **Published**

## Unit Overview

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Students will be able to apply advanced sewing techniques to increase their sewing skills.

## Transfer

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Students will be able to independently use their learning to...

- List special techniques for sewing with knits.
- Operate both a sewing machine and serger properly.
- Construct darts and seams.
- Demonstrate stay stitching.
- Demonstrate how to trim, grade, clip and notch seams.
- Describe types of interfacing and how they are applied.

## Meaning

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## **Understandings**

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Students will understand ...

- What special techniques are used when sewing knits.
- how to operate both a sewing machine and a serger machine.
- How to construct darts and a variety of seams used for different fabrics.
- The reason for stay stitching.
- Why trimming, grading, clipping and notching is important.
- The need for interfacing and when different types are used and where.

## **Essential Questions**

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How advanced sewing skills can enhance your ability to create different types of garments and home furnishings.

## **Application of Knowledge and Skill**

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### **Students will know...**

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Students will know...

- How to apply special techniques when sewing knits.
- How to comply with machine and serger operation.
- How to construct darts and various seams according to the type of fabric used.

-How to stay stitch.

-How to trim, grade, clip and notch seams.

-How to apply different types of interfacing.

### **Students will be skilled at...**

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Students will be skilled at...

What discrete skills and processes should students be able to use?

### **Academic Vocabulary**

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clipping	interfacing
darts	notching
directional stitching	seam
French seam	seam allowance
Flat felled seam	stay stitching
fusible	trimming
grading	understitching
	woven

## **Learning Goal 1**

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Using special techniques when sewing knits.

FCSE.9-12.16.2.2	Evaluate performance characteristics of textile fiber and fabrics.
FCSE.9-12.16.2.4	Analyze characteristics of textile components in the design, construction, care, use, maintenance, and disposal or recycling of products.
FCSE.9-12.16.3.1	Explain the ways in which fiber, fabric, texture, pattern, and finish can affect visual appearance.
FCSE.9-12.16.4.5	Demonstrate basic skills for production, alteration, repair and recycling of textiles, fashion, and apparel.

## **Target 1**

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Students will list the special techniques to use when sewing knits.

## **Learning Goal 2**

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How to use a sewing machine and serger .

FCSE.9-12.16.4.1	Demonstrate professional skills in using traditional and technologically innovative equipment, tools, and supplies in textiles, fashion, and apparel construction, alteration, repair, and recycling.
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### **Target 1**

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Student will be able to operate both a sewing machine and a serger properly and safely.

### **Learning Goal 3**

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Construction techniques.

FCSE.9-12.16.4

Demonstrate skills needed to produce, alter, or repair textiles, fashion, and apparel.

FCSE.9-12.16.4.1

Demonstrate professional skills in using traditional and technologically innovative equipment, tools, and supplies in textiles, fashion, and apparel construction, alteration, repair, and recycling.

### **Target 1**

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Student will be able to sew a dart.

### **Target 2**

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Student will be able to sew a variety of seams depending on the fabric used.

### **Target 3**

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Students will be able to staystitch.

### **Target 4**

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Student will be able to trim, grade, clip or notch where needed.

### **Target 5**

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Student will be able to apply a variety of interfacings.

## **Summative Assessment**

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Unit test

Projects

Portfolios

## **Formative Assessment and Performance Opportunities**

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Class discussion

Class participation

Teacher Q & A

Exit ticket

Self Assessment

Teacher observation of machine use

Worksheets

## **Accommodations/Modifications**

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Video presentation

One on one

Student experts

Online simulations of sewing machine use

## **Unit Resources**

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Text Book: Clothes and Your Appearance

