



COLORADO STATE UNIVERSITY
EXTENSION

Clothing Construction

Project units are designed for members 8-18 years old.

STEAM Units 1-2

Inspiring youth to:

- Use a sewing machine
- Use a variety of tools
- Sew with simple patterns
- Build on sewing techniques
- Create a simple garment

Project units are designed for members 11-18 years old.

STEAM Unit 3 (Advanced)

Inspiring youth to:

- Use different fabrics
- Use more advanced techniques
- Experiment with different types of textile material

Growing Career Pathways

Fashion Designer
Graphic Designer
Model
Photographer
Professional Tailor



Project units are designed for members 8-18 years old.

Sewing For Others Unit 4

Inspiring youth to:

- Make garments for others
 - Learn to take accurate measurements
 - Learn how to adjust patterns

Related Projects

Artistic Clothing
Heritage Arts
Scrapbooking
Visual Arts



Clothing Construction Tips

Beginner Tips:

- Unit 1: Use a simple pattern (5 pieces max) without set-in sleeves, zippers, collars or button loops
- Simple seam finish, no sergers
- Clothing is defined as wearable
- Exhibit shall consist of 3 (or less) coordinated pieces. No accessory items. (i.e. shoes, etc.)
- Units 1 & 2: Follow required sewing techniques
- Unit 1 Fabric Selection: Firmly woven medium-weight cotton or at least 50% cotton blend.



Advanced Tips:

- Buttonholes and button loops are to be used in Unit 2 and above
- Serger seam finish may be used
- Unit 2: Include one or more of these techniques: set-in sleeves, zippers, collars, cuffs or button holes
- Unit 2 Fabric Selection: Any woven or knit fabric appropriate to design
- Unit 3: Demonstrate advanced sewing skills, such as: rolled hems, hand-picked zippers, princess seams, tailoring techniques (French or Hong Kong), non-woven interfacing, etc.
- Unit 3 Fabric Selection: 50-100 percent of the fabric selected. Example: 75% wool and 25% cotton

- Evaluation is based on construction of the articles, garments and/or outfits
- Pattern instruction sheet is required for all units and attached securely in binder
- Label all garment pieces by using a piece of muslin and fabric pen or fabric label. Include: name, age, unit and county
- Demonstrate and display information learned
- Have fun telling your story
- Exhibit at county fair



Resources:

- Exhibit & Judging Requirements
- Record Books
- Manual Information

Located at: Colorado4h.org