



Clothing

STEAM Clothing Beyond the Needle

Mastering these sewing skills will provide a solid foundation upon which the member may build skills. To achieve success in this project the skills listed below will help 4-H leaders know what to teach and 4-H member to know what they need to learn. Have your leader initial and date each skill as completed. Each level may take more than one year to complete. You need to be able to check off 10-12 skills each year. 4-H member must complete Level 1 before beginning Level 2 and complete Level 2 before beginning Level 3, or have club leader and/or 4-H Professional approval to advance a level.

STEAM Clothing Beyond the Needle (complete a minimum of 10 skills each year for completion.)	Date Completed	Approved By
1. Demonstrate modeling techniques	_____	_____
2. Identify design elements and principles in your own clothes and sketches	_____	_____
3. Create your own color wheel and complementary color bar	_____	_____
4. Apply three color schemes to a pattern	_____	_____
5. Create a repeat pattern that could be printed on fabric or apparel	_____	_____
6. Identify tactile and visual textures	_____	_____
7. Create an original design	_____	_____
8. Create an original t-shirt design using fabric spray paint	_____	_____
9. Reuse pockets from a garment for a new purpose	_____	_____
10. Create unique details on fabric using stamping techniques with fabric paint	_____	_____
11. Create unique details on fabric using stenciling techniques with fabric paint	_____	_____
12. Create unique details on fabric using painting techniques	_____	_____
13. Identify a focal point on a project	_____	_____
14. Create a button collage	_____	_____
15. Dye fabric using: artificial and natural dye	_____	_____
16. Dye fabric using a resist technique	_____	_____

- | | | |
|--|-------|-------|
| 17. Discharge dye with bleach | _____ | _____ |
| 18. Complete two home dyes (coffee and tea) to alter three samples | _____ | _____ |
| 19. Create a stitching design using hand stitching | _____ | _____ |
| 20. Demonstrate techniques to apply three of the following: rivets, grommets, eyelets, studs | _____ | _____ |
| 21. Dye fabric using a twist on tie-dye with ice | _____ | _____ |
| 22. Use oatmeal as a resist when dying fabric | _____ | _____ |
| 23. Dye fabric with rust to create an original design | _____ | _____ |
| 24. Construct a sample of three for the following manipulations: pleating, smocking, ruffling, embroidery, tangling thread | _____ | _____ |
| 25. Demonstrate two applique techniques: machine, hand, reverse | _____ | _____ |
| 26. Design a painted and stitched embellishment | _____ | _____ |
| 27. Create three samples of beadwork | _____ | _____ |