

Sewing Expressions Content Standards

Refine Design

Grades 8-12

Project Area Skill refers to the subject matter which youth demonstrate in relation to the correlating content standard.

Objective:

Art-

- 7. Visual Arts: Demonstrate knowledge about how technology and invention have historically influenced artists and offered new possibilities for expression.**

Benchmarks: 5-8: A

Project Area Skill: The youth will use computers to design an iron-on pattern. They will use a special type of fabric that can be printed on, create a design of their choice with a recipe, print it out and transfer the design onto fabric to be made into a potholder.

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Objective:

Career Readiness-

- 1. Students will identify their career interests and aptitudes to develop an educational plan which supports personal career goals.**

Benchmarks: 5-8: A,C,D; 9-12: A,E

Project Area Skill: The youth engage in a variety of activities that will help them to learn about fashion and design. They will also learn about the many career opportunities in the clothing and fashion industry. Moreover the youth will gain marketable skills that will apply to future career interests.

- 2. Students will utilize and manage resources effectively to produce quality services and products.**

Benchmarks: 5-8: A,B; 9-12: A,B

Project Area Skill: Planning a design, choosing fabric and creating articles of clothing are just one aspect of the activities the youth will learn about in “Refine Design”. They will also learn to manage the clothing resources they already have by researching different types of laundry detergent to determine which would work best for different types of fabric. Moreover the youth will create receiving blankets which they will donate to a local charity organization.

3. Students will demonstrate the technological knowledge and skills required for future careers.

Benchmarks: 5-8: A,B,C,D; 9-12: A,D

Project Area Skill: The youth will create a blanket using a pattern provided by the book and donate it to a shelter in their community. They will also use basic computer skills to create a transferable design for an article of clothing. Moreover the youth will utilize the internet to find patterns, and research fashion information online, by doing this they will understand the importance of the technology as it applies to the fashion industry.

4. Students will develop and demonstrate responsible and ethical workplace behaviors.

Benchmarks: 5-8: A,B,C; 9-12: A,B,C

Project Area Skill: After completing a number of clothing projects the youth will work together to assemble a fashion show. They will practice positive interaction and cooperation as they plan their agenda for the show. The youth will also learn the importance of giving back to the community as they create blankets to give to a local shelter.

5. Students will develop effective leadership, interpersonal, and team skills.

Benchmarks: 5-8: A,C; 9-12: A,C

Project Area Skill: The youth will work with others from diverse backgrounds as they engage in a variety of activities that explore many aspects of the clothing industry. They will also combine their individual interests as they plan and put on a fashion show to display the clothing they have created.

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Objective:

Language Arts-

- 1. Reading and Listening for Comprehension: students will apply strategies and skills to comprehend information that is read, heard, and viewed.**

Benchmarks: 5-8: A,B,C,D; 9-12: A,B,C,D

Project Area Skill: By researching information on the internet, listening to information from their group leader and reading patterns the youth will gain valuable skills in sewing. They will also read from a variety of media to learn new sewing vocabulary as they create sewing projects.

- 2. Writing and Speaking for Expression: students will communicate effectively through speaking and writing.**

Benchmarks: 5-8: A,B,C; 9-12: A,C

Project Area Skill: The youth will use writing skills to describe and design different types of clothing. They will also record information they have researched into charts using sewing lingo they have learned. Moreover the youth will understand the importance of writing and speaking skills as they apply to sewing careers.

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Objective:

Math-

- 1. Number and Operations: students will understand numerical concepts and mathematical operations.**

Benchmarks: 5-8: B,C;

Project Area Skills: The youth will develop skills such as adding and subtracting decimals to determine the cost of their sewing projects. They will also use these skills as they determine the cost of laundry soap per use with a variety of brands. Moreover the youth will understand the importance of having these math skills as they apply to sewing and clothing maintenance.

- 2. Measurement: students will understand measurement systems and applications.**

Benchmarks: 5-8: A,B

Project Area Skill: The youth will use measurement as they construct projects out of fabric. They will use various techniques and tools to measure and construct the fabric, such as rulers, measuring tape scissors etc.

- 3. Data Analysis and Probability: students will understand how to formulate questions, analyze data, and determine probabilities.**

Benchmarks: 5-8: A,B,C,D

Project Area Skill: Using tables the youth will record observations such as fabric blend in spandex, the cost of laundry soap and the dimensions of their bed. They will use these recordings to form conclusions and explore the possibilities, such as using their bed dimensions to create a bed cover.

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Objective:

Science:

Strand I: Scientific Thinking and Practice

Standard I: understand the processes of scientific investigations and use inquiry and scientific ways of observing, experimenting, predicting, and validating to think critically.

5-8 Benchmarks: III

9-12 Benchmarks: I

Project Area Skill: The youth will use charts to record data such as measurements, observations and cost. They will understand the importance of recording information for the purpose of reflection and education and form conclusions on their findings.