

## **Sewing Expressions Content Standards**

### **Level 1: Under Construction**

**Grades: 3-5**

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

**Objective:**

#### **Career Readiness:**

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

**Benchmarks: K-4: A,B; 5-8: A,D**

**Project Area Skill: As the youth learn to sew they will identify with many areas of the sewing industry. They will visit a local business that use sewing machines on a daily basis as well as visit with fabric store employees to learn about tools, machinery and job options in the clothing industry.**

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

**Benchmarks: K-4: A,B,C; 5-8: A,B**

**Project Area Skill: The youth will learn the importance of managing resources such as properly measuring and cutting fabric. They will also learn the parts of a sewing machine, and how the machine works. Moreover the youth will learn how to create sewn projects while utilizing time and materials.**

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

**Benchmarks: K-4: A,B,C,D; 5-8: A,B,C,D**

**Project Area Skill: Sewing machine technology has changed rapidly, making some sewing projects easier to construct today than they had in the past. The youth will learn the functions and types of sewing machines as well as the variety of stitches that can be preformed. The youth will also learn about other tools used in the sewing by speaking with a fabric store employee or browsing the internet. Moreover the youth will use basic computer skills to access extra information, such as patterns and seam finishes, to complete the activities.**

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

**Benchmarks:** K-4: A,B,C; 5-8: A,B,C

**Project Area Skill:** The youth will demonstrate positive interaction and good work habits as they accomplish the sewing projects specified by the activities. They will also research groups in their community that they can give back to such as make tote bags for underprivileged children. Moreover the youth will learn the ethical importance of giving back to the community.

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

**Benchmarks:** K-4: A,B,C; 5-8: A,C

**Project Area Skill:** The youth will work together to research information, pick out patterns and sew projects specified by the activity. They will learn the importance of working cooperatively and demonstrating positive interaction as they work to complete their goals.

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#### **Language Arts:**

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

**Benchmarks: K-4: A,B,C,D; 5-8: A,B,D**

**Project Area Skill: Before the youth begin to sew they will participate in activities that introduce new sewing vocabulary. They will also use references to help them find the meaning of some words by looking them up in a dictionary, online, or in a local sewing store. The youth will also read a variety of text to gain full understanding of their project as well as discuss what they should do among their peers and group leaders. Moreover the youth will demonstrate the information they have learned through reading, listening and observing by creating sewn pieces as specified by the activities.**

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

**Benchmarks: K-4: A,B,C; 5-8: A,B,C**

**Project Area Skill: The youth will demonstrate their understanding of the sewing material by responding to the questions listed at the end of each activity. They will also discuss what they have learned while they are working on various sewing projects with their peers and group leader.**

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#### **Math-**

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

**Benchmarks: K-4: B; 5-8: C**

**Project Area Skill: The youth use addition, subtraction, multiplication and division of whole numbers as they determine their own measurements. They will also use these skills as they cut out patterns and fabric and determine which measurements would produce the best fit for the clothing they create.**

- 2. Geometry: students will understand geometric concepts and applications.**

**Benchmarks: K-4: D**

**Project Area Skill: The youth will use two dimensional patterns to create three-dimensional shapes. They will create projects such as a signature elephant where they will use a pattern, cut out the fabric and sew the pieces together to give the animal shape.**

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

**Benchmarks: K-4: B; 5-8: A,B**

**Project Area Skill: The youth will use measuring tape to find their own personal measurements and apply it to what size they should use in a sewing pattern. They will understand the importance of measuring using the units as specified by the pattern to obtain the desired results. Moreover the youth will understand the importance of measurement as it applies to the clothing industry.**

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

**Benchmarks: K-4: A,B,C; 5-8: A**

**Project Area Skill: The youth will use charts to record observations based on the activity. They will then analyze what they have observed and recorded and use the information to answer questions listed at the end of each activity.**

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**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.**

**K-4 Benchmarks: I,II,III**

**5-8 Benchmarks: I,III**

**Project Area Skill: The youth will record observations in tables provided for them by the activity book. They will also record body measurements using measuring tape to determine their pattern size. The youth will use these observations to answer questions listed at the end of the given activity as well as participate in discussion with their peers and group leaders.**