

Course Title: Fiber Arts

Board Approval Date: August 2017

Credit (Secondary): .5

Grade Level: 9-12

Course Summary with Big Ideas:

This course is based on Pennsylvania Standards for Family and Consumer Sciences. *Fiber Arts* is a hands on, project based course, intended to teach students how to construct textile materials in a creative and useful way. This course is filled with opportunities to problem solve, think critically and creatively, and collaborate. The course will begin with a unit on *Machine and Hand-stitching Basics and Textile Science*. In this unit, students will learn the features of the machine along with basic sewing skills. In addition, students will learn the types of textiles, their characteristics, benefits, and drawbacks. This will allow students to select the optimal fabric for different kinds of projects. The first unit ends with the first project: Elastic Waste Project, which applies the basic skills, taught. Students will become pattern literate to be able to construct their choice of shorts, pants, or a skirt. Students will also be able to tailor their project to fit them perfectly. *Upcycling* is the focus of the second unit. Conservation, reducing, reusing, and recycling will be explored along with upcycling; increasing the value of an otherwise worn out item. Students will then research, design, and create their own upcycling project using the best sewing practices. The third and final unit is a *Project Choice* unit where students can pick a project of their choice after mastering secondary levels skills like zippers, French seams, and applique. For example, students might make a tote bag, stuffed animal, clothing item, or quilt. This unit is meant to apply the skills learned throughout the course to construct a more challenging textile based project.

Big Ideas:

- Machine and hand-stitching basics
- Textile science
- Pattern reading proficiency
- Clothing creation
- Upcycling to increase value of an item
- Challenging choice project

Grade Level Modules (Units):

**Suggested Timeline
of Weeks or # of Class Periods/Lessons**

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| 1. Machine and Hand-stitching Basics and Textile Science and First project: Elastic waist pants/ shorts/ skirt | 18 classes |
| 2. Second project: Upcycling | 12 classes |
| 3. Secondary level skills and Third project: Choice (tote bag, stuffed animal, clothing item, applique) | 13 classes |

Learning Activities/Modes of Formative and Summative Assessment:

Projects
Large group instruction and discussion
Independent work
Small group work
Tests and Quizzes
Sample creations

Primary Instructional Resources:

Internet
Sites used often:

- Classroom.google.com
- Prezi.com
- Youtube.com

Handouts
Sewing machines
Sewing equipment
Presentation software