



Radnor High School Course Overview



Textile Arts 2 1132

General Information

Credits: 0.5

Weighted: N/A

Prerequisite: Textile Arts 1

Length: Semester

Format: Meets Daily

Grade: 9, 10, 11, 12

I. Course Description

Students will refine and further develop skills in sewing and in designing textile products. Students acquire an increased knowledge of fabrics and the improved skills necessary for more complex garment construction. Textile Arts 2 also continues to emphasize the creativity and individuality of projects completed in class. The sense of accomplishment increases as the degree of difficulty of each project increases. Students continue to develop lifelong skills and have the chance to explore the possibility of career opportunities.

Major Unit of Study
Garment Projects – 18 weeks

Common Core Standards

- 16.1.2 Analyze opportunities for employment and entrepreneurial endeavors.
- 16.4.4 Analyze current technology and trends that facilitate design and production of textile, apparel and fashion products.
- 16.2.1 Apply appropriate terminology for identifying, comparing, and analyzing the most common generic textile fibers.
- 16.2.2 Evaluate performance characteristics of textile fiber and fabrics.
- 16.2.4 Analyze effects of textile characteristics on design, construction, care, use, and maintenance of products.
- 16.2.5 Apply appropriate procedures for care of textile products
- 16.3.1 Explain the ways in which fiber, fabric, texture, pattern, and finish can affect visual appearance.
- 16.3.2 Apply basic and complex color schemes and color theory to develop and enhance visual effects.
- 16.3.3 Utilize elements and principles of design in designing, constructing, and/or altering textile, apparel, and fashion products.
- 16.3.7 Demonstrate ability to use technology for fashion, apparel, and textile design.
- 16.4.1 Demonstrate professional skills in using a variety of equipment, tools, and supplies for fashion, apparel, and textile construction, alteration, and repair.
- 16.4.2 Explain production processes for creating fibers, yarn, woven, and knit fabrics, and non-woven textile products.
- 16.4.3 Use appropriate industry products and materials for cleaning, pressing, and finishing textile, apparel, and fashion products.
- 16.4.5 Demonstrate basic skills for producing and altering textile products and apparel.

Keystone Connections:

A1.1.1 Operations with Real Numbers and Expressions

- **A1.1.1.1** Represent and/or use numbers in equivalent forms (e.g., integers, fractions, decimals, percents, square roots, and exponents).
- **A1.1.1.2** Apply number theory concepts to show relationships between real numbers in problem-

solving settings.

- **A1.1.2.2** Write, solve, and/or graph systems of linear equations using various methods.

G.2.1 Coordinate Geometry and Right Triangles

- **G.2.1.2** Solve problems using analytic geometry

L.N.1 Reading for Meaning—Nonfiction

- **L.N.1.2** Use appropriate strategies to determine and clarify meaning of vocabulary in literature
- **L.N.1.3** Use appropriate strategies to comprehend literature during the reading process

Student Objectives:

Students will:

- Demonstrate how to properly use sewing equipment
- Work with and acquire knowledge of a variety of fabrics
- Demonstrate how to use a pattern
- Complete garments and accessories using basic sewing procedures
- Improve problem solving ability
- Enhance creative skills
- Challenge themselves to further refine their craft

Materials & Texts

- Bernina 1008 Sewing Machine
- Sewing Practice Worksheets
- Hand Sewing Equipment (Fabric, Buttons, Thread)
- Garment project envelopes, patterns, and directions
- Fabric
- Notions
- Ironing equipment

Activities, Assignments, & Assessments

- Completion of Sewing Projects

Common Assessment:

Performance on completing sewing projects

Terminology

- Sewing Terms
- Sewing Tools
- Ironing Tools
- Machine Parts
- Fabric Terms
- Pattern Terms
- Hand Sewing Terms

Media, Technology, Web Resources

- SewCoolInSchool.com
- Style.com
- Teacher's website