Design and Sew Curriculum
Grade 8

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**WARREN TOWNSHIP SCHOOLS**

*Design and Sew*

*Grade 8- Elective- 26 days*

**Unit:** Design Concepts and Perspectives  
**Essential Question:** How is knowledge in fashion design and sewing important in the 21-st Century?

<table>
<thead>
<tr>
<th>NJCCCS CPI#</th>
<th>OBJECTIVES The learner will be able to:</th>
<th>RESOURCES</th>
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</thead>
</table>
| 21st-Century Life/Career Skills 9.1.8.E.1 | List various types of stores: chain, department, specialty, discount, internet, manufacturer-owned, outlet, etc. | Class Discussion  
Tie Lesson- 22 various ties | Participation |
| 21st-Century Life/Career Skills 9.2.8.A.1-2 | Examine careers and discuss the types of clothes needed for “business attire” and “business casual”.  
Demonstrate various ways to tie a tie. | Class Discussion  
Ties to Tie | Participation |
| Visual and Performing Arts 1.1.5.D.1-2 | Demonstrate knowledge of the elements of design. Line, Shape/form, Color, Texture | Magazines and fabric scraps, colored pencils/markers | Grade Work |
| Visual and Performing Arts 1.3.5.D.4 | Create a color wheel identifying primary, secondary, and tertiary/intermediate colors and the warm and cool colors working in groups. | Frosting, food colors color wheel | Lab Grade |
| Visual and Performing Arts 1.3.5.D.4 | Create or show use of tints, tones and shades. | Frosting, cake  
Food color, cake decorating tools | Lab Grade |
### WARREN TOWNSHIP SCHOOLS

**Design and Sew**

**Grade 8**

**Unit: Clothing Care**

**Essential Question:** What things are important to look for when purchasing your own clothing and accessories?

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| Science 5.1.8.A.3 5.1.8.B.2 5.1.8.D.3 5.2.8.A.5 | Identify basic fibers, the characteristics, use and care of each textile  
- Identify natural fibers: cotton, linen, silk, wool  
- Identify synthetic fibers: nylon, polyester, acrylic, rayon, spandex, acetate. | Fabric Samples, Matches, Water | Teacher observation |
| Science 5.1.8.A.3 | Interpret hang tag, care labels, and fabric information as it applies to care, wear, and suitability. | Ohio State Extension Fact Sheet | Teacher observation. |
| **21st-Century Life/Career Skills** 9.1.8.C.1 | Perform simple repairs to a garment. Example: Buttons, snaps, seams. | Garment from home that is not worn or is in need of repair. Thread, buttons, sewing machines. Today’s Teen, Pages 342-345 | Teacher observation. |
| **21st-Century Life/Career Skills** 9.1.8.C.1 | Create something by Recycling a personal garment by making a change to the style or reusing the fabric hand or machine sewing or other techniques learned. | Today’s Teen – Page 651-656 Creative Skills for Creative Living Fabric Paint, Dye, | Teacher observation |
Unit: Clothing Design Project

Essential Question: Why is it necessary to understand how to use the sewing tools and sewing machine correctly?
Why is safety in the sewing lab necessary?
What skills are necessary to become proficient at sewing?

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<td>Common Core LANGUAGE Arts/Science &amp; Technical - RST.6-8.3</td>
<td>Follow written and oral directions to construct and complete a simple project in the time allotted.</td>
<td>Instructions for Pin Cushion/teacher generated Drawstring Bag Project Fabric, Thread, Sewing Machines</td>
<td>Teacher Evaluation of Project</td>
</tr>
</tbody>
</table>
## WARREN TOWNSHIP SCHOOLS

### Design and Sew

**Grade 8**

**Unit:** Design Project  
**Essential Question:** What sewing skills will help us construct a simple sewing, design project?

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| **21st-Century**  
Life/Career Skills  
9.1.8.A.1  
9.1.8.B.1 | Plan, design and create the fabric layout for sewing project on paper and using fabric pieces. | Fabric, Polyester Fiber Fill, Sewing machines, Sewing supplies and tools | Teacher Observation |
| **21st-Century**  
Life/Career Skills  
9.1.8.A.1  
Technology  
8.1.8.A.5 | Select, create and design a focal point for the project using personal photograph, creating collage or special fabric selection | Computers  
Digital Images/Scanned or jpeg Fabric Paper | Teacher Observation |
| **21st-Century**  
Life/Career Skills  
9.1.8.A.4 | Apply critical thinking skills and steps needed to make the random pieces of fabric become a successful project. | Sewing Project Materials | Teacher Observation |
| **21st-Century**  
Life/Career Skills  
9.1.8.A.1-4  
9.1.8.C.1 | Complete project in given time and be proud of accomplishment | Completed Project | Teacher evaluation of finished project. |
| **21st-Century**  
Life/Career Skills  
9.1.8.C.1-3 | Evaluate and Judge completed project based on Design Rubric | Project Rubric | Student Self Evaluation Rubric  
Teacher Evaluation |
Appendix A - Resources

WEBSITES:
http://www.fabriclink.com/index.cfm- updated information on textiles and fabric care
http://www.uen.org/Lessonplan/preview.cgi?LPid=9143- fads and fashion power point
http://www.uen.org/Lessonplan- great site for other fashion lesson plans
http://www.johnlovett.com/test.htm - elements and principles of design explained

Home Economics Curriculum Activities Kit , 1990
The Center for Applied Research in Education
Margaret F. Campbell

Clothing Concepts and Construction
Prentice Hall, 1990

Clothing Skills for Creative Living
Butterick Publishing, 1979

Creative Living
McGraw-Hill, 1997
**Purpose**

The Core Curriculum Content Standards established by the New Jersey Department of Education identifies skills important for student success in all content areas. The “Style and Design” course serves to enhance all components of the required core curriculum. Through hands-on activities students will also meet the Cross content workplace readiness standard. The implementation of the “Style and Design” Course will help students:

- Apply many lessons from mathematics, science and language as it will be used in everyday life
- Increase awareness and understanding of the many facets of living through participation in hands-on activities.
- Define the principles of garment construction and safely use various sewing tools and equipment
- Provide an outlet for individualized creative expression.
- Develop practical “life skills” needed as students become less dependent on parents
- Increase student self-confidence related to domestic, practical and social skills
- Develop time management skills and problem solving techniques
- Identify 21st-Century skills and technology available to help solve everyday life challenges
- Identify areas of special interest and assist them in making more informed decisions regarding future educational choices.

**Rationale**

The “Design and Sew” curriculum has been developed based on meeting the Core Curriculum Content Standards established by the New Jersey Department of Education.

This course has been created to provide academic enrichment and 21-st Century skills for 8th grade students in the area of Family and Consumer Science, known as Home Arts, in the Unified Arts Cycle. Students will develop the necessary skills to succeed in the world in which they live. The curriculum includes the integration of technology, time management, and interpersonal skills. Students are required to work in groups with students from a variety of socioeconomic and culturally diverse backgrounds to complete various hands-on activities and design projects. Career awareness, constructive criticism, and communication skills are strongly emphasized throughout each course. The students will develop problem solving and critical thinking while also learning life skills that will enhance their lives and further prepare them for living in the 21-st Century.