

**Consumer & Life Studies: Grades 9-12**  
**Creative Clothing I**  
**Unit 7: Fibers and Fabric**

<p align="center"><b>Essential Understandings</b></p>	<ul style="list-style-type: none"> <li>▪ Fibers used for clothing have unique characteristics.</li> <li>▪ Fabrics are given individual names.</li> <li>▪ Fabrics are improved with performance finishes.</li> </ul>
<p align="center"><b>Essential Questions</b></p>	<ul style="list-style-type: none"> <li>▪ Where do fibers come from?</li> <li>▪ How are they different?</li> <li>▪ How do fiber characteristics influence their use?</li> <li>▪ How do fiber characteristics influence their appearance and performance?</li> <li>▪ How does one classify fibers?</li> <li>▪ What are the names of some common fabrics?</li> <li>▪ What are the effects of finishes on performances?</li> </ul>
<p align="center"><b>Essential Knowledge</b></p>	<ul style="list-style-type: none"> <li>▪ Fiber characteristics determine how fibers are useful.</li> <li>▪ Fibers can be classified as natural or man-made.</li> <li>▪ Fibers are woven or knitted into fabrics with unique qualities and specific names.</li> <li>▪ Fabrics are given a variety of finishes that improve their daily performance.</li> </ul>
<p align="center"><b>Vocabulary</b></p>	<ul style="list-style-type: none"> <li>▪ <u>Terms:</u> <ul style="list-style-type: none"> <li>○ cotton, wool, nylon, acrylic, silk, linen, resiliency, durability, absorbency, abrasion resistance, wicking, strength, washability, wrinkle-resistant, shape retention, pill, luster, water repellent, flame-retardant, moth resistant, stain resistant</li> </ul> </li> </ul>
<p align="center"><b>Essential Skills</b></p>	<ul style="list-style-type: none"> <li>▪ Recognize that fibers come from both natural and man-made sources.</li> <li>▪ Differentiate the specific characteristics and uses of a variety of fibers.</li> <li>▪ Apply the proper finishing terms to descriptions of their use.</li> <li>▪ Recognize by name a number of knitted and woven fabrics.</li> <li>▪ Deduce how to remove some stains in fabric and apply techniques to remove some.</li> </ul>
<p align="center"><b>Related Maine Learning Results</b></p>	<p><u>Career and Education Development</u>          B. Learning About and Exploring Education and Career and Life Roles          B2.Skills for Individual/Personal Success in the 21’s Century          Students evaluate strategies to improve skills that lead to lifelong Learning and success in the classroom, and the achievement of schoolwork, work and career, and personal life goals.          c. critical thinking          f. other academic skills and knowledge</p>

**Consumer & Life Studies: Grades 9-12**  
**Creative Clothing I**  
**Unit 7: Fibers and Fabric**

<p align="center"><b>Sample Lessons And Activities</b></p>	<ul style="list-style-type: none"> <li>▪ Use a microscope to observe then draw the specific visual characteristics of fibers.</li> <li>▪ Match terms with descriptions of fiber characteristics and performance.</li> <li>▪ Classify fibers as natural or man-made.</li> <li>▪ Find and label nine common fabric samples.</li> <li>▪ Match fabric descriptions with practical descriptions.</li> <li>▪ Stain some pieces of fabric and demonstrate proper stain removal techniques.</li> </ul>
<p align="center"><b>Sample Classroom Assessment Methods</b></p>	<ul style="list-style-type: none"> <li>▪ Completion of worksheets to become part of their Creative Clothing booklet</li> <li>▪ Exam</li> </ul>
<p align="center"><b>Sample Resources</b></p>	<ul style="list-style-type: none"> <li>▪ <u>Publications:</u> <ul style="list-style-type: none"> <li>○ <u>Clothing, Fabrics, Fashion and Construction-</u> Glencoe/McGraw-Hill</li> </ul> </li> <li>▪ <u>Videos:</u> <ul style="list-style-type: none"> <li>○ <u>A Stitch In Time, <i>Breaking the Rules</i> (Sportswear)</u></li> </ul> </li> </ul>