

Consumer & Life Studies Brunswick School Department
Creative Clothing I
Fibers and Fabric

Essential Understandings	<ul style="list-style-type: none"> ▪ Fibers used for clothing have unique characteristics. ▪ Fabrics are given individual names. ▪ Fabrics are improved with performance finishes.
Essential Questions	<ul style="list-style-type: none"> ▪ Where do fibers come from? ▪ How are they different? ▪ How do fiber characteristics influence their use? ▪ How do fiber characteristics influence their appearance and performance? ▪ How does one classify fibers? ▪ What are the names of some common fabrics? ▪ What are the effects of finishes on performances?
Essential Knowledge	<ul style="list-style-type: none"> ▪ Fiber characteristics determine how fibers are useful. ▪ Fibers can be classified as natural or man-made. ▪ Fibers are woven or knitted into fabrics with unique qualities and specific names. ▪ Fabrics are given a variety of finishes that improve their daily performance.
Vocabulary	<ul style="list-style-type: none"> ▪ <u>Terms:</u> <ul style="list-style-type: none"> ○ 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
Essential Skills	<ul style="list-style-type: none"> ▪ Recognize that fibers come from both natural and man-made sources. ▪ Differentiate the specific characteristics and uses of a variety of fibers. ▪ Apply the proper finishing terms to descriptions of their use. ▪ Recognize by name a number of knitted and woven fabrics. ▪ Deduce how to remove some stains in fabric and apply techniques to remove some.
Related Maine Learning Results	<p><u>Career and Education Development</u></p> <p>B. Learning About and Exploring Education and Career and Life Roles</p> <p>B2.Skills for Individual/Personal Success in the 21's Century</p> <p>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.</p> <p>c. critical thinking</p> <p>f. other academic skills and knowledge</p>

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