

Fiber Arts

Fabric Finishes

Essential Understandings	<ul style="list-style-type: none"> All fabrics have finishes added to them which will determine the fabrics characteristics.
Essential Questions	<ul style="list-style-type: none"> What are fabric dyes and how do they work? When in the process is a fabric dyed? What is a printed fabric? What are the traditional patterns used for printing? How can a fabrics texture be changed? What finishes can be used to improve a fabrics performance? What is a fabric resist? How can a dye be discharged?
Essential Knowledge	<ul style="list-style-type: none"> Dyes are compounds that penetrate and color fibers. Textiles can be dyed as stock, solutions, yarns, pieces or products. Printing involves transferring color to the surface of a fabric to form a pattern or design. Fabric markers, crayons, oil pastels, inkjet printers and inks may be used to print designs on a fabric. Fabric prints have directional patterns. They may be one way, two way, over all, striped, or plaid. Printed patterns may be characterized by the size of the printing. Types of texture finishes include calendaring, glazing, napping, lustering, beetling, delustering, embossing, cire', Moire', and sizing. Types of performance finishes include wrinkle resistance, durable press, shrinkage control, mercerization, stain and spot resistance, soil release, water repellent, waterproof, antistatic, flame-retardant, antibacterial, mildew resistance, and moth resistance. There are many solutions that may be added to a fabric that will resist the dyes in a pre ordained pattern. Examples are wax, glues, and Gutta. A dye can be discharged from a fabric as a design or on the whole by using a specialty solution or bleach product.
Vocabulary	<ul style="list-style-type: none"> <u>Terms:</u> <ul style="list-style-type: none"> gray goods, colorfast, nap, grain, bias, resist, discharge, tie dye.
Essential Skills	<ul style="list-style-type: none"> Determine how a fabric was finished. Demonstrate creating unique fabrics using a variety of dying, printing, resisting, and discharging techniques.
Related Maine Learning Results	<p><u>Visual and Performing Arts</u></p> <p>A. Disciplinary Literacy – Visual Arts</p> <p>A1.Artist's Purpose</p> <p>Students research and explain how art and artists reflect and influence culture and periods of time.</p>

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<p style="text-align: center;">Related Maine Learning Results</p>	<p>A2.Elements of Art and Principles of Design Students evaluate all the features of composition.</p> <ol style="list-style-type: none"> a. Evaluate Elements of Art: color, form, line, shape, space, texture and value. b. Evaluate Principles of Design including balance, contrast, emphasis. Movement, pattern, rhythm, and unity. <p>A3.Media, Tools, Techniques, and Processes Students compare the effects of media and their associated tools, techniques, and processes, using elements, principles and expressive qualities in art forms and genres.</p> <p>B. Creation, Performance, and Expression – Visual Arts</p> <p>B1.Media Skills Students choose multiple suitable media, tools, techniques, and processes to create a variety of original art works.</p> <p>B2.Composition Skills Students use Elements of Art and Principles of Design to create original art works that demonstrate development of personal style in a variety of media and visual art forms.</p> <p>B3.Making Meaning Students create a body of original art work.</p> <ol style="list-style-type: none"> a. Demonstrate sophisticated use of media, tools, techniques, and processes. b. Demonstrate knowledge of visual art concepts. c. Communicate a variety of ideas, feelings, and meanings. <p>B4.Exhibition Students select, prepare, and help with exhibiting their works in the classroom, school, or other community location, and articulate an artistic justification for their selection.</p> <p>C. Creative Problem Solving</p> <p>C1.Application of Creative Process Students apply and analyze creative problem solving and creative thinking skills to improve or vary their own work and/or the work of others.</p> <p>D. Aesthetics and Criticism</p> <p>D1.Aesthetics and Criticism Students analyze and evaluate art forms.</p> <ol style="list-style-type: none"> b. Analyze and evaluate varied interpretations of works of art using evidence from observations and a variety of print and/or non-print sources. d. Research and explain how art and artists reflect and shape their time and culture.
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<p style="text-align: center;">Related Maine Learning Results</p>	<p>E. Visual and Performing Arts Connections</p> <p>E1.The Arts and History of World Cultures Students analyze the characteristics and purposes of products of the visual/performing arts to understand history and/or world cultures</p> <p>E2.The Arts and History of World Cultures Students analyze skills and concepts that are similar across disciplines.</p> <p>E3.Goal-Setting Students make short-term and long-term goals based on rigorous criteria and related to time management, interpersonal interactions, or skill development that will lead to success in the arts.</p> <p>E4.Impact of the Arts on Lifestyle and Career Students explain how their knowledge of the arts relates to school-to-school and school-to-work transitions and other career and life decisions including the recognition that the arts are a means of renewal and recreation.</p> <p>E5.Interpersonal Skills Students demonstrate positive interpersonal skills and reflect on the impact of interpersonal skills on personal success in the arts.</p> <ul style="list-style-type: none"> a. Getting along with others. b. Respecting differences. e. Accepting/giving/using constructive feedback. f. Accepting responsibility for personal behavior. h. Following established rules/etiquette for observing/listening to art. i. Demonstrating safe behavior.
<p style="text-align: center;">Sample Lessons And Activities</p>	<ul style="list-style-type: none"> ▪ Chapter 14 ▪ Worksheet ▪ Tie dye a t-shirt and a piece of fabric ▪ Shaving cream marbling on fabric ▪ Create a pattern on fabric using markers ▪ Create a pattern on fabric using fabric crayons ▪ Create a pattern on fabric using paints ▪ Discharge a piece of fabric ▪ Resist dyeing on fabric
<p style="text-align: center;">Sample Classroom Assessment Methods</p>	<ul style="list-style-type: none"> ▪ Daily participation ▪ Worksheet ▪ Completed fabric finishes

Sample Resources	<ul style="list-style-type: none">▪ <u>Publications:</u><ul style="list-style-type: none">○ <u>Clothing, Fashion, Fabrics & Construction</u>, Glenco/McGraw-Hill, 1997○ <u>Tie Dye and Batik</u>, Hot off the Press Inc., 1993○ <u>Exploring Textile Arts</u>, Creative Publishing International Inc., 2002○ <u>Fabric Art Workshop</u>, Creative Publishing International Inc., 2007
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