

**Visual and Performing Arts  
Visual Arts: Photography 1**

**Unit 5: Photo Printing Techniques and Manipulations**

<p><b>Essential Understandings</b></p>	<ul style="list-style-type: none"> <li>▪ Photographers use knowledge, technical skills and creative problem solving strategies to express ideas, moods and feelings through photographs.</li> </ul>
<p><b>Essential Questions</b></p>	<ul style="list-style-type: none"> <li>▪ What photographic techniques and manipulations do photographers use to create works of art?</li> <li>▪ What problem solving strategies do photographers use?</li> </ul>
<p><b>Essential Knowledge</b></p>	<ul style="list-style-type: none"> <li>▪ Photographers express ideas, moods, and feelings through both traditional and digital photography.</li> <li>▪ Photographers use a variety of techniques to manipulate photographs in the dark room.</li> <li>▪ Photographers use photographic software to manipulate digital photographs.</li> </ul>
<p><b>Vocabulary</b></p>	<ul style="list-style-type: none"> <li>▪ <u>Terms:</u> <ul style="list-style-type: none"> <li>○ focus, contrast, value, filter, burn, dodge, vignette, depth of field, colorize, toning, sandwich, collage, scan, resolution, grayscale, monochrome, digital</li> </ul> </li> </ul>
<p><b>Essential Skills</b></p>	<ul style="list-style-type: none"> <li>▪ Produce black and white photographs that demonstrate strong use of technical skill.</li> <li>▪ Create photographs that express feelings and mood using depth of field.</li> <li>▪ Create vignette photographs in the darkroom and/or digitally.</li> <li>▪ Burn, dodge, and use filters to manipulate prints in the darkroom and digitally.</li> </ul>
<p><b>Related Maine Learning Results</b></p>	<p><u>Visual and Performing Arts</u></p> <p>A. Disciplinary Literacy 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 B1.Media Skills Students choose multiple suitable media, tools, techniques, and processes to create a variety of original art works. B3.Making Meaning Students create a body of original art work. a. Demonstrate sophisticated use of media, tools, techniques, and processes. b. Demonstrate knowledge of visual art concepts</p> <p>C. Creative Problem Solving 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>

**Visual and Performing Arts**  
**Visual Arts: Photography 1**  
**Unit 5: Photo Printing Techniques and Manipulations**

<b>Sample Lessons And Activities</b>	<ul style="list-style-type: none"><li>▪ Print black and white photographs with good use of technical skill.</li><li>▪ Use filters to create varying amounts of contrast in a photograph.</li><li>▪ Create photo collages, photo vignettes, toned and colorizing photos using traditional and digital methods.</li></ul>
<b>Sample Classroom Assessment Methods</b>	<ul style="list-style-type: none"><li>▪ Rubric criteria for photographs</li><li>▪ Peer critique process</li></ul>
<b>Sample Resources</b>	<ul style="list-style-type: none"><li>▪ <u>Publications:</u><ul style="list-style-type: none"><li>○ <u>Photography - Upton and Upton</u></li><li>○ <u>The Step by Step Guide to Photography – Michael Lanford and Alfred Knopf</u></li></ul></li></ul>