

Brunswick School Department
Photography I
Darkroom Processes

Essential Understandings	<ul style="list-style-type: none"> Photographers use light sensitive materials and the darkroom processes to create works of art.
Essential Questions	<ul style="list-style-type: none"> How are light sensitive materials used with black and white darkroom processes to create an image? How is roll film processed to make negatives? How are photographic positives and enlargements created from negatives?
Essential Knowledge	<ul style="list-style-type: none"> Light sensitive materials can be used with black and white darkroom processes to create works of art by processing film and printing negatives. Paper negatives can be contact printed into positive images. Photograms can be made using materials of various light sensitivity and various exposure times. Light sensitive 35mm roll film can be processed with darkroom chemicals to create an image.
Vocabulary	<ul style="list-style-type: none"> <u>Terms:</u> <ul style="list-style-type: none"> paper negatives, contact print, develop, stop, fix, exposure time, silver halides, light sensitive, negative, positive, safelight, darkroom, opaque, transparent, translucent, photogram, film
Essential Skills	<ul style="list-style-type: none"> Process 35mm black and white roll film. Use a variety of processes and methods to print negatives and positives. Utilize specific tools and materials in the black and white darkroom including enlarger use. Use correct procedures to mix printing chemicals.
Related Maine Learning Results	<p><u>Visual and Performing Arts</u></p> <p>B. Creation, Performance, and Expression</p> <p>B1. Media Skills</p> <p>Students choose multiple suitable media, tools, techniques, and processes to create a variety of original art works.</p> <p>C. Creative Problem Solving</p> <p>C1. Application of Creative Process</p> <p>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>

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Sample Lessons And Activities	<ul style="list-style-type: none">▪ Discuss procedures for contact printing and making paper negatives.▪ Discuss light and the opacity of materials.▪ Review the care of and safety issues relating to the use of darkroom chemicals and equipment.▪ Review darkroom procedures for creating prints.▪ Create a photogram using symbolic objects of different opacities.▪ Using your photogram as a paper negative create a positive.
Sample Classroom Assessment Methods	<ul style="list-style-type: none">▪ Rubric criteria for correctly exposed photographs.▪ Rubric criteria for photograms.▪ Quiz enlarger parts, film processing, and film development.
Sample Resources	<ul style="list-style-type: none">▪ <u>Publications:</u><ul style="list-style-type: none">○ <u>Pinhole Photography</u> – Eric Benner▪ <u>Videos:</u><ul style="list-style-type: none">○ <u>Photography</u> – Doug Rheinhardt