

Visual and Performing Arts
Visual Arts: Photography 1
Unit 4: 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 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 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 4: Darkroom Processes

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 Rheinhart