

Brunswick School Department
Photography I
The Camera - Composing and Shooting

Essential Understandings	<ul style="list-style-type: none"> Photographers use traditional and digital cameras to create original photographic works.
Essential Questions	<ul style="list-style-type: none"> What is a 35 mm SLR film camera? How does a 35 mm SLR camera use light to capture an image? What is a digital camera? How does a digital camera use light to create an image? How are the elements and principles of design used to create a strong composition in a photograph? How is light used to create special effects in a photograph?
Essential Knowledge	<ul style="list-style-type: none"> A 35 mm SLR camera uses light to capture an image on film. An understanding of the parts and functions of the camera is necessary to make a photograph using a 35mm SLR camera and/or digital camera. The elements and principles of design are used to compose photographs. Framing and cropping techniques are used to create a strong composition. A variety of lighting techniques can be used to create special effects in a photograph.
Vocabulary	<ul style="list-style-type: none"> <u>Terms:</u> <ul style="list-style-type: none"> camera, shutter speed, aperture, light meter, hot shoe, flash, shutter release, film advance lever, film speed, focus, shoot, composition, framing, cropping
Essential Skills	<ul style="list-style-type: none"> Identify the parts of a 35mm SLR camera and how they function to create a photographic image. Identify the parts of a digital camera and how they function to create a photographic image. Distinguish between the functions of a SLR camera and a digital camera. Shoot black and white film using a 35mm SLR camera to create a photographic image. Shoot a photograph using a digital camera. Create photographs that show a strong understanding of composition. Use framing and cropping techniques to compose a photograph. Create photographs using a variety of light.

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<p style="text-align: center;">Related Maine Learning Results</p>	<p><u>Visual and Performing Arts</u> 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. 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. C. Creative Problem Solving C1. 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 style="text-align: center;">Sample Lessons And Activities</p>	<ul style="list-style-type: none"> ▪ Using the 35mm camera students shoot film on location emphasizing the elements and principles of design to create strong composition. ▪ Discuss the quality and composition of the shots. ▪ Discuss the role of lighting in the composition. ▪ Create prints which have the strongest composition and lighting. ▪ Analyze individual work and discuss the composition with peers.
<p style="text-align: center;">Sample Classroom Assessment Methods</p>	<ul style="list-style-type: none"> ▪ Technical Quiz - camera parts and functions ▪ Technical Quiz - artificial lighting methods and equipment ▪ Rubric criteria for 35mm photographs and compositions
<p style="text-align: center;">Sample Resources</p>	<ul style="list-style-type: none"> ▪ <u>Publications:</u> <ul style="list-style-type: none"> ○ <u>Photography</u> - Upton and Upton ○ <u>The Step by Step Guide to Photography</u> – Michael Lanford and Alfred Knopf ▪ <u>Videos:</u> <ul style="list-style-type: none"> ○ <u>Crystal: Photographer</u>- Doug Rhinehart, ○ <u>Kodak Introduction to Photography</u>