

Visual and Performing Arts

Visual Arts: Photography 1

Unit 3: The Camera - Composing and Shooting

<p>Essential Understandings</p>	<ul style="list-style-type: none"> ▪ Photographers use traditional and digital cameras to create original photographic works.
<p>Essential Questions</p>	<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?
<p>Essential Knowledge</p>	<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.
<p>Vocabulary</p>	<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
<p>Essential Skills</p>	<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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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>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>C. Creative Problem Solving</p> <p>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>
Sample Lessons And Activities	<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.
Sample Classroom Assessment Methods	<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
Sample Resources	<ul style="list-style-type: none"> ▪ <u>Publications:</u> <ul style="list-style-type: none"> ○ <u>Photography - Upton and Upton</u> ○ <u>The Step by Step Guide to Photography – Michael Lanford and Alfred Knopf</u> ▪ <u>Videos:</u> <ul style="list-style-type: none"> ○ <u>Crystal: Photographer- Doug Rhinehart,</u> ○ <u>Kodak Introduction to Photography</u>