Title __Photography 1_

Unit:	Photography 1: Intro to Film Developing/Processing and Digital Photography
Big Ideas:	Create aesthetically pleasing images using analog and digital photography. Explore darkroom processes, compositional rules, image storage, editing software, history of photography.
Unit Essential Questions:	How do we create an image? What constitutes a "good" photograph? What is the difference between digital and analog photography?

Concept & Pacing	Pa Core Standard	Key Vocabulary	Essential Questions	Competencies (skills, knowledge, abilities)	Mini-Lessons/Activities	Instructional Materials	Assessments
History and Camera Obscura (2 weeks)	9.1.12 A,B,C,E,G,H, J, K 9.3.12 A,C 9.4.12 A	Camera Obscura Pinhole Camera Darkroom Shutter Speed Exposure time Aperture Light Source Photo paper Enlarger Positive Negative	What was the first camera used for? Who are the "fathers" of photography and types of photography? How do we create a pinhole camera? What would happen if we adjust the exposure time? Aperture size? How do we create a positive image?	Create a negative image. Use that image to create a test strip of exposure times and then create a positive image while using a pinhole camera and gaining an understanding of the darkroom procedures and processes.	Camera History/ Pinhole Video, Power Point, Questionnaires Create a negative image, then test strip and positive of their image.	Created by teacher (videos, guidelines, infographics, reflection questions, etc) Pinhole camera Photo Paper Developing tools and chemicals	Teacher observations and student progress (mini assessments) Questionnaires Rubric Reflection questions
35mm Film and Darkroom Process (8 weeks)	9.1.12 A,B,C,,E,G,H, J, K 9.3.12 A,C 9.4.12 A	Shutter Speed Aperture Depth of Field ISO Light Meter Exposure record Exposure time Light Source Darkroom Enlarger Photo Paper Developer Stop Bath Fixer Positive Negative Test Strip Film Reel Contact sheet	What are the parts of the camera? What is Depth of Field? How do we achieve different depths of field? What controls aperture? What controls shutter speed? How do we achieve shutter speed effects and what effect would they have on your final image? How do we place or film on a reel for developing? What is the difference between developing film and developing a print? How do we read the light meter on your camera?	Knowledge of how the specific camera works. Understand the three pillars of photography and a camera's light meter. Shoot 1-2 rolls of film–place film on reel in darkroom, develop filmstrips, create contact sheets. Then create prints and learn printing processes to create 8x10 and 5x7 photographs.	Camera Parts lessons Depth of Field Activities Shutter Speed Activities Class demonstrations of cameras and group work.	Created by teacher (videos, guidelines, infographics, reflection questions etc) 35mm Cameras Film Exposure Records Reflections Photo Paper Developing tools and chemicals	Teacher observations and student progress (mini assessments) Questionnaires Rubric Reflection questions
Digital Photography Introduction and	9.1.12 A,B,C,,E,G,H, J, K 9.3.12 A,C	Digital Camera Battery SD card JPEG, PNG, PSD files Dongle Storage	How is a digital camera different than the 35mm we used? How are those images stored? What types of files can we create?	Understand digital cameras. Apply the compositional rules to your photography.	Camera Basics and how to lessons Compositional Rules Slideshow and student activity and restate rules Demonstrate knowledge of	Created by teacher (videos, guidelines, infographics, reflection questions etc) Digital Cameras Laptops Tripod	Teacher observations and student progress (mini assessments) Questionnaires

Title __Photography 1_____

Introduction to editing software (8 weeks)	9.4.12 A	LCD Screen Zoom Focal Length Google Drive Photoshop Lightroom Editing Software Compositional Rules	What are our compositional rules of photography and how do they help us take a good photograph? What can we use to edit our images? Who are some influential photographers?	Apply the use of editing software to enhance your images. Learn about specific photographers and their images.	Compositional Rules by taking images for each rule, reflection assessment Photographer Study Research Photographer Study Images	Lightroom/Photoshop Dongles	Rubric Reflection questions