Name: _____
Date: _____

Print Media

This Artist   *Did This*

Content

Inspiration – What do we need to know?

Image reproduction technology has been around technically since 945 C.E. when a scholar used light and a small hole in a wall to transfer an image from outside into the room. This technique, Camera Obscura, was used by Renaissance greats like Michelangelo to get his sketches onto the roof of the Sistine Chapel so he could re-create his drawings in a giant format. Artists and innovators like Walt Disney kept advancing print and camera technology to do new and fascinating things. Flash forward, modern cameras and photo editing technology still use updated varieties of these ancient techniques to create the images we are familiar with.

Curricular Competencies

Project – What are we going to do?

We're going to learn how to use the aperture settings on a digital SLR camera to take a well composed photo. Then upload it to the computer, save it to our H: Drives and edit it in Photoshop using multiple layers. We'll use modern technology with old or ancient techniques to create our own images.

Materials:

Steps – How are we going to do that?

1. Watch a video about Camera Obscura.
   https://www.youtube.com/watch?v=aqE3X-iospE
2. Draw out a diagram of light travelling through the pin hole on the back of this sheet.
3. Listen to Mrs. A describe the aperture of a modern camera lense. Write a note on your diagram of how the aperture and lense act like the hole used for Camera Obscura.
4. Watch a Video about Disney's Multi-Plane Camera. https://www.youtube.com/watch?v=kN-eCBAOw60
5. Listen to Mrs. A demo how to use layers in photoshop. Wait a minute – That's almost the same technology!
6. Use the aperture settings on a DSLR to take an interesting photo, then upload it and edit it using different layers in Photoshop.

Assessment

Marking – What is the teacher looking for? **(Write some of the teacher's expectations before starting)**

Exceeds Expectations –

Satisfies Expectations -

Almost Meets Expectations -

Not Finished -

Core Competencies

Reflection – What skills did I work on with this project? (**Hi-light and hand in with project**)

▲ I can get new ideas, build on, or combine other people's ideas to create new things within the constraints of a form, a problem, or materials.

▲ In familiar situations, I cooperate with others for specific purposes.