

Light Painting & Writing with Light

name _____

Equipment: camera, tripod, things to shoot, glow sticks, flashlights, flameless candles, cell phone, etc.
 Students will work in groups of 3-4.
 Students have **25-30 minutes** to take ALL their shots.

Objective: To learn about shooting images and light with long exposures and manual settings.

	S1 _____	S2 _____	S3 _____	S4 _____
Writing/Creating with Light <ul style="list-style-type: none"> Take at least 2 shots where you write something. Write down your settings for your 2 favorites. 	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____
Painting with Light <ul style="list-style-type: none"> Take at least 2 shots where you paint light on the scene. Write down your settings for your 2 favorite. 	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____
Orbs or Streaks <ul style="list-style-type: none"> Take at least 2 shots where you are creating an image using light streaks or orbs. Write down your settings for your 2 favorite. 	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____
Face or Ghosted Images <ul style="list-style-type: none"> Take at least 2 shots where you create multiple impressions of the same person. Write down your settings for your 2 favorite. 	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____	f stop: _____ Shutter Speed: _____ ISO: _____

name_____

Post your favorite 5 images (4 points per image plus 1 point per questions for a total of 25 points) to your blog and answer the following questions:

1. . The lower the f stop what happens?_____

2. The higher the f stop what happens?_____

3. The shorter the exposure what happens?_____

4. The longer the exposure what happens?_____

5. What worked well?_____

Instructions:

name _____

1. Set your camera to Manual mode if it's a DSLR, and make the shutter speed 10-30 seconds (looks like this on the screen for Canon: 30"), A longer shutter speed means more time that light is allowed in through the lens.



2. Set your ISO to light sensitive, try 100, 200, 400, or 800 depending on the brightness of the room you are in. The higher the ISO the more grainy your shot will be.



3. Set your Aperture (or f/stop) to f11 or higher (f18, f22, etc.). A lower aperture means more amount of light entering into the lens (larger opening). The higher the aperture, the less light (smaller opening).



4A. (Writing/Creating) Face the flashlight at the lens, and start writing, drawing, or crafting your design.

When the shutter opens, you have _____ seconds to write. When the shutter goes off, check out your masterpiece!



Plan to crate something interesting and with intention.



Instructions Cont.:

name _____

4B. (Painting) Face the flashlight on the objects on the table. Paint part of the object with light from the flashlight or cell phone. You can light from the front or back.

When the shutter opens, you have _____ seconds to paint. When the shutter goes off, check out your masterpiece!



4C. (Orbs & Streaks) Use the light props to craft images with orbs and/or streaks.

When the shutter opens, you have _____ seconds to write and paint. When the shutter goes off, check out your masterpiece!



4D. (Lit Face or multiple impressions) Face the flashlight or cell phone below, to the side, or behind the selected “model” or paint parts of the models face **CAREFULLY** with light. **DO NOT FLASH FLASH-LIGHTS IN THE EYES!!!!** or turn the light on and off of a person in various locations to create multiple impressions of that person in one image.

When the shutter opens, you have _____ seconds to light the face. When the shutter goes off, check out your masterpiece!

