

PHOTOGRAPHY 10

Shutter Speed

Rationale: Photographs are made by capturing a quantity of light over a period of time. Usually the time period is so quick that images do not blur and the audience never notices that the photo was of a period of time. However, with a camera we have the ability to slow that time down so that the audience can see that the photo recorded a period of time.

Goal: The goal of this project is to create movement photos.

- Learn how to change the shutter speed on a camera.
- Learn what shutter speeds do to an image.
- Using a tripod is a must for photo #1 of this project

Criteria (25 marks)

1. Content – 10 points

Your photographs must have a sense of movement.

Photo #1 - Blur: The subject (person) moving/blur. This is done by having the camera on a tripod and using a slow shutter speed. Try 1/30, 1/15, 1/10, 1/8, 1/4, or 1/2.

Photo #2 - Pan: The second image must be of the subject in focus and not blurred but the background blurred. This is done by panning the camera on a moving person. Try 1/30, 1/15, 1/10, or 1/8.

Photo #3 - Frozen: The third image is of frozen movement. This is done with a very fast shutter speed. 1/500 or faster is best. You will need a lot of light. This photo would work best taken outside. Your subject should be moving fast - running, jumping, twirling, kicking, catching, etc.

2. Skills / Technical – 5 points

Camera

- How to use a Tripod
- How to set shutter speed.
- How to use natural lighting more effectively.
- How to take pictures without a flash. The camera flash could be a problem, so it may be necessary to turn the flash off.

3. Professionalism – 5 points

Professionalism is based on the attention paid to the accurate and careful presentation of the final project.

This project will be handed in as follows:

- 3 properly named photos submitted to the "Shutter Speed" Assignment on the Portal.
- Size = 8" X 10" / 180 dpi

- you must NOT over-manipulate the images
- Images must have a black and white frame

Proper naming:

- SchoenhalsM_blur.jpg
- SchoenhalsM_pan.jpg
- SchoenhalsM_frozen.jpg

4. Journal Entry – 5 points

This journal entry requires you to record important details about each picture that you took. Answer the following in your journal for each picture:

Title:

Aperture:

Shutter Speed:

ISO:

Self-Evaluation: What mark do you deserve out of 10 and why?