

INTRODUCTION TO DIGITAL PHOTOGRAPHY

Mrs. Sanborn

Unit #4- Macro Photography and movement

For project 4 you will be completing both assignments. (both macro and movement)
However, you will only be handing in one project for a grade. We will be going outside for this project for at least one period.

Photoshop Concepts Introduced:

- Adjusting your colors using your hue/saturation, levels, channels, curves, or your color sampling method.
- If printing in black and white, I would like you to incorporate your lab color method that we learned on page 186 in the workbook.
- **Work book pages:**
 - 220-225
 - 232-233
 - 318-323
 - 368-387

Photography Concepts Introduced:

- Macro photography
- Automatic Macro Mode
- Shutter Speed control
- Shutter speed priority mode
- Aperture Priority mode

Macro, by definition, is photography at 1x magnification and above. Anything less would be defined as "close-ups" rather than "macro". 1x magnification or life-size, is usually written as 1:1. Life-size means that the subject you are photographing appears the exact same size on film as it does in real life. Therefore if a fly is 15mm long, then the image of the fly on film will also be 15mm long. (Tom Hicks)

<http://digitalphotography.wordpress.com/category/macro-digital-photography/> (Make sure you scroll down until you get to the macro article)

<http://digital-photography-school.com/blog/macro-photography-tips-for-compact-digital-camera-users/>

(great tips on macro photography)

- Movement

To capture movement, you will be working in manual mode only, or shutter speed priority mode. You will need a tripod(you can sign one out) or an object to rest your camera on. For this assignment you will need to experiment with changing your shutter speed to a longer time frame such as 1/30 of a second or longer. You will also

need to understand how to get a correct exposure by changing your aperture and reading your light meter or exposure compensation.

PROJECT #4 - Macro OR Movement

For this assignment, you will have two options. Each option you will have to complete, however, you will only be turning one project in for a grade. I would like you to experiment with both new components of this assignment, macro photography and movement.

Project One: Macro Photography

For this assignment you will be required to work with your camera in automatic mode (macro mode) as well as working in manual mode to capture the same effect. You will need to photograph at least ten images that create an interesting composition as the main subject. (see page 64-69 in your book for ideas) These images need to be in color. Think outside the box for this assignment. You can take nature photographs as well as industrial photographs as well. You can even incorporate your perspective project into this project as well.

Project Two: Movement:

For this project you will be required to truly understand how to operate your camera, and read it's light meter. You will be focusing on the aspect of movement in this project. You can photograph moving water, lights at night, car lights at night, a skateboarder on a road or any other subject that creates an interesting composition. You will be setting your shutter speed to a longer time frame such as 1/30th of a second. You will need to adjust your aperture to still have a correct exposure. It is a necessity that you use a tripod for this assignment. (see pages 72-91 in your book for ideas)

Required Objectives:

- Read - pages 62-91 in Understanding Exposure
- You must take at least ten images of EACH using macro photography techniques AND ten images capturing movement using your shutter speed techniques.
- Bring the image into Photoshop and create an 8" * 10" image in black and white or color.

Assessment:

See attached class rubric