

Names \_\_\_\_\_

Period \_\_\_\_ Due Date \_\_\_\_/\_\_\_\_/\_\_\_\_

## Digital Discovery Project

**Assignment:** This group project is designed to acquaint you and your team members with a digital camera and all its controls, as well as our system of file uploading and archiving. Besides shooting these pictures, your team will upload, archive and make prints of several shots. Therefore, you and your team will also become familiar with all computer and printing procedures digital photography. This assignment will involve shooting photos inside the building, outside and around the school.

### Essential Guidelines:

- Planning** – Discuss the assignment as a group and decide how you will capture each image using our composition guidelines. Look at other photographs and your Composition Assignment to get ideas about how you want to compose and shoot yours.
- Shooting log** – maintain a professional shooting log. **REQUIRED.** (See the back of this sheet)
- Shoot** – using the **manual** settings on your camera, and making sure that each member of your group gets to shoot *at least twice*, capture compelling images for each of the following categories. **NOTE:** *If your camera cannot be set to any of the following settings, it is your responsibility to speak to Mr. DeMiero before shooting. You may have to switch cameras.*
  - 1 - Simplicity.** Make a posed picture of a member of your group indoors under lights. Set your *f*-stop to its smallest number ( $\leq 4$ ) and your shutter speed about 1/30 of a second. Compose your shot following the guidelines for **simplicity**.
  - 2 - Simplicity.** Make a picture of an interesting object. Shoot this picture outdoors. If there is direct sunlight, make sure the sun is behind the camera:  $f \leq 4$  & SS about 1/500. If it's overcast:  $f \leq 4$  & SS about 1/125. Compose your shot keeping in mind the guidelines for **simplicity**.
  - 3 – Rule of Thirds.** Make a posed picture of one member of your group outdoors. Pose the person so that he/she is in the left third of the frame looking up and out to the right (*their left*). If there is direct sunlight:  $f \leq 4$  & SS about 1/500. If it's overcast:  $f \leq 4$  & SS about 1/125. Compose your shot keeping in mind the guidelines for **the rule of thirds** and **simplicity**.
  - 4 – Rule of Thirds.** Make a posed picture of one member of your group indoors. Pose the person so that he/she is looking directly out of a window and his/her head and shoulders are in the right third of the frame:  $f \leq 4$  & SS about 1/30. Compose your shot keeping in mind the guidelines for **the rule of thirds** and **simplicity**.
  - 5, 6, 7, 8 and 9 – Lines/S-Curves/Patterns.** Make five pictures where your subject is enhanced by lines, s-curves or patterns. Or, your subject can simply be the capture of lines, s-curves or patterns. This time use your camera's meter to determine shutter speed and *f*-stop in either **manual (M)**, **aperture (AV)** or **shutter speed (SS) mode**. If you have questions about your settings, see Mr. DeMiero. Compose your shots keeping in mind the guidelines for **lines, s-curves, patterns, the rule of thirds** and **simplicity**.
  - 10 – Framing.** Make a posed picture of one member of your group outdoors. Pose the person so that he/she is framed internally in your composition. If there is direct sunlight: SS about 1/250 and  $f$  8. If it's overcast: SS about 1/125 and  $f$  5.6. Compose your shot keeping in mind the guidelines for **framing, the rule of thirds** and **simplicity**.
  - 11 – Depth of Field.** Make a posed picture of two or three people outdoors. Pose the people so that they are staggered in various distances from the camera. Focus on just **one** of the people. If there is direct sunlight:  $f \leq 4$  & SS about 1/500. If it's overcast:  $f \leq 4$  & SS about 1/125. Compose your shot keeping in mind the guidelines for **the rule of thirds** and **simplicity**.
  - 12 – Depth of Field.** Make a posed picture of two or three people outdoors. Pose the people so that they are staggered in various distances from the camera. Focus on the **middle** person. If there is direct sunlight:  $f \geq 22$  & SS about 1/125. If it's overcast:  $f \geq 22$  & SS about 1/30. Compose your shot keeping in mind the guidelines for **the rule of thirds** and **simplicity**.
  - 13 – Motion.** Make a picture of one member of your group outdoors. Have the person run across your field of view while you pan the camera keeping it focused on him or her. If there is direct sunlight:  $f \geq 22$  & SS about 1/30. If it's overcast:  $f \geq 16$  & SS about 1/15.
  - 14 – Motion.** Make a picture of one or two people outdoors. Have the person(s) jump inside your field of view while you keep the camera still. If there is direct sunlight:  $f \leq 4$  & SS about 1/1000. If it's overcast:  $f \leq 4$  & SS about 1/250.

- ❑ **Upload files** – import your images into a new album you’ll create in iPhoto titled “Digital Discovery.”
- ❑ **Pre-print evaluation** – assess your photos and compare them with your shooting log. Choose the **top four** frames to print.
- ❑ **Print** – Option A: Choose your best **four** shots and send them to be printed from iPhoto. Option B: Put as many shots as you can on a Comic Life page (or two) then print those pages out. *If you choose this option, speak to Mr. D before printing.*
- ❑ **OPTIONAL: Poster** – mount your photos on a poster. Include a brief annotation with each print that includes the category in which the print is to be considered, any technical details from your shooting log, and any other statement of explanation that would be helpful for anyone who might view your photos. Make sure to include all of your group members’ names on the poster.
- ❑ **OPTIONAL: Present** – present your poster to class. Submit your poster for evaluation and grading.
- ❑ **Group Reflection Discussion** – as a group, discuss the following: What did you learn? What were some of the challenges you faced and overcame? What would you do differently in the future? What do you want others to know about that would help them better understand your photos?
- ❑ **Individual Reflection** – individually, write a brief (about two ¶s) reflection about your assignment and place it in your portfolio under the heading “Discovery Project.” Anyone reading this reflection should be able to determine what you learned from this assignment

**Instructor’s comments:** \_\_\_\_\_  
 \_\_\_\_\_

**Final grade:** \_\_\_\_\_

File #	Subject	SS	f-Stop	Lighting	Photographer
1: _____	Simplicity				
2: _____	Simplicity				
3: _____	Rule of Thirds				
4: _____	Rule of Thirds				
5: _____	Lines, S-Curves or Patterns				
6: _____	Lines, S-Curves or Patterns				
7: _____	Lines, S-Curves or Patterns				
8: _____	Lines, S-Curves or Patterns				
9: _____	Lines, S-Curves or Patterns				
10: _____	Framing				
11: _____	Depth of Field				
12: _____	Depth of Field				
13: _____	Motion				
14: _____	Motion				