



### TARGET(S)

- To demonstrate the adjustment of aperture and shutter speed settings on a digital camera.
- Rename photos on the computer.
- Produce a CONTACT SHEET that summarizes your photos.
- Produce prints of your photos.
- Mount your photos.

### CONTACT SHEET DUE

\_\_\_Feb 25/26\_\_\_

### PRINT(S) DUE

\_\_\_Mar 3\_\_\_

### ELECTRONIC FILE DUE

\_\_\_Mar 3\_\_\_

### DETAILS

This assignment is designed to introduce students to the aperture and shutter speed settings on a digital camera that are used to create different photographic effects.

When you want to stop motion, you will have a fast shutter speed and usually a smaller aperture (less light).

When you want action to appear blurred in the photo, you will have a long (slow) shutter speed and usually a larger aperture (more light). It would be smart to use a tripod for the slower shutter speeds AND you will need to hold the camera very still. Lean against a wall or on a table to help steady your camera.

Each student must complete ALL components of this assignment. You are expected to take multiple photographs of each skill in order to demonstrate your experimentation with each skill, and to give you the best chance at an outstanding photograph.

Use the digital cameras to complete the following exercises:

**Stopping the motion *without using flash*.** You will need lots of light for this part.

- A. Photos of water stopped (rename A1, A2, A3)
- B. Photos of fast action stopped, for example a ball in air, running, etc. (rename B1, B2, B3)

### Blurred action

- C. Photos of a moving object – still recognizable, but blurred (rename C1,C2,C3)
- D. Photos of water moving – blurred to show movement (rename D1, D2, D3)
- E. Photos of a still object with moving objects around it (rename E1, E2, E3)

### Night time exposure (“Bulb” exposure)

Set the aperture wide open, and a long shutter speed (1-2+ seconds)

- F. Photos of lights moving at night or in the dark – these photos must be **in-focus**. (rename F1, F2, F3)

### To Turn In:

- Your photos should all be in one folder. You will be turning in a “Contact Sheet” for this assignment that will show **ALL** of your photos you took. **Label the photos as listed above** (example: A1.jpg, A2.jpg, A3.jpg, B1.jpg, B2.jpg, B3.jpg, B4.jpg, etc)
- Your teacher will collect ONE digital file of each of the required photos listed above (six total). These should be named with your initials and the number listed above. For example the best photo of water stopped would be labeled DS1.jpg
- From these six photos, prepare **TWO** 8 x 10 images to print and mount, and hang on the wall.

**PLEASE DO NOT USE FLASH ON THIS ASSIGNMENT AND RESET THE CAMERA TO THE DEFAULT SETTINGS WHEN YOU ARE DONE SHOOTING!**