



TARGET(S)

- To demonstrate and practice shutter speed mode on the digital camera.
- Use a tripod-if necessary-to hold the camera still
- Produce a CONTACT SHEET that summarizes your photos.
- Produce prints of your photos.
- Mount your photos.
- Add text to a photo.

CONTACT SHEET DUE

PRINT(S) DUE

ELECTRONIC FILE DUE

DETAILS

This assignment is designed to introduce students to the 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 (1/125 and higher).

When you want action to appear blurred in the photo, you will have a long (slow) shutter (1/60 and lower). 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.

Using the digital camera, you will work on your own to practice your shutter speed skills. Set the camera to the "S" Shutter Speed mode and find one subject you will take a minimum of 10 photographs. The shutter speeds you will use are as follows:

Slow Shutter Speed: 1/2 - 1/4 - 1/8 - 1/15 - 1/30 - 1/60 **Fast Shutter Speed:** 1/125 - 1/250 - 1/500 - 1/1000

YOU WILL REPEAT THIS PROCESS TWO MORE TIMES WITH TWO DIFFERENT SUBJECTS SHOWING DIFFERENT MOVEMENT.

Possible Subjects:

Water always works well such as running in a creek or from a hose. Bicycle tire spinning, ball being thrown, person jumping, or anything that spins or moves consistently.

A hint would be to keep your camera still – do not move it at all while making changes. This will help you get the most consistent photos of the exact same subject. You will also need a good amount of light – dark hallways under fluorescent lighting will not be productive for this assignment.

Your final product will be to choose one set of shutter speed photos from one subject and print four photographs (size 4 x 6 or 6 x 4, resolution 150) mounted on tag board. You will mount **two** slow shutter speeds and **two** fast shutter speeds. These four photographs will CLEARLY demonstrate the differences between slow and fast shutter speeds. Use the text tool to write the corresponding shutter speed on each photo prior to printing it. You will also turn in a contact sheet of all of your photos.

To find out the shutter speed of your photos, Use PhotoShop. Go to the File menu and drag down to File Info... If the Shutter Speed is not listed under Camera Data 1, then look under Advanced, EXIF and ExposureTime (you may have to do some division here...)

