**Time & Motion Practice Project – Part 2**

**Part 2 – MOTION BLUR**

**When you want to** **create motion blur**, you will have a slow shutter speed.

**Slow Shutter Speeds:** 1/60,1/30, 1 second, 2 seconds, etc. B or Bulb allows you to open the shutter as long as you want.

Usually your aperture will be small to avoid overexposure.

Use a low ISO to avoid overexposure.

Experiment! Use Shutter priority mode and use Manual Mode:

Set the shutter speed, then set f-stop so light meter is correct (Needle is in the middle of the + and - signs). Experiment taking the shot several times and varying your shutter speed to see the differences.

\*You are expected to take multiple photographs of each skill in order to demonstrate your experimentation with this skill, and to give you the best chance at an outstanding photograph.

**Creating Motion Blur:**

* For each photo write down and label the shutter speed.
* Subjects must be moving quickly to create motion blur.
* Use a tripod or rest the camera on a stable object/surface.
* Remember to plan out the **composition!** Consider the rules of composition. Avoid extraneous background information.
* Experiment with pre-focusing

1) One photo of a subject or subjects moving quickly across the picture plane left to right or right to left. Subject is blurred (but still recognizable) and the background is in focus. (subject is jumping, cart-wheeling, flipping, on a skateboard, roller-skating, on a bicycle, etc.)

2) One photo of 2 subjects or more moving quickly across the picture plane at a diagonal, side to side, or up/down. Subjects are blurred and the background is in focus.

3) One photo of blurred liquid. (Waterfall, ocean on rocks, water fountain, hose, stream, etc.)

4) Light Trails: One photo of a light trail. Take the picture at night or in a dark space. Possibilities: cars, carnival rides with lights, trains. Make sure your composition is excellent. Think about where the lights will lead in the picture. Avoid unnecessary background information. Use a tripod.

5) One photo using Panning: Have subject(s) move across the frame in front of you, but this time you move the camera to follow your subject as it moves. **\*\*Very important:** - When "Panning," your camera must not stop when taking the picture; follow through *before, during, and after* the shutter is released.

6) Take a photograph of motion blur using slow sync flash. Try slow sync flash mode with the “rear curtain” or “front curtain” option for a cool effect! Or try out your camera’s “Night Mode”. Or use a slow shitter speed and a flash light to illuminate the subject several times.

**Presentation of Photos:**

* You will turn in each photo as a .jpeg.
* Label each photo with the shutter speed at the bottom of the photo.
* Upload all photos to your website.
* Submit to student share

\*\*Remember to save copies of all your photos as .jpeg’s to your StuHome, flashdrive, and box.net account.