

# **CAMERA SIMULATOR WORKSHEET**

Go to the Canon PLAY [website](http://www.canonoutsideofauto.ca/play/): <http://www.canonoutsideofauto.ca/play/>

First, take a minute or two to experiment with how this simulator works – try adjusting the sliders and snapping a picture. Try adjusting to each extreme to see how this changes the results.

This semester you've worked with a film camera that requires you to use a manual light meter, so let's begin in **MANUAL MODE**. Note the light meter in the center that shows if the shot is overexposed or underexposed. To make a good photo, the needle needs to be in the middle – at zero.

1. Use the following settings

a. ISO – 400

b. Aperture – f/2.8

What shutter speed is required zero the light meter & make a good exposure?

Describe the photo:

Describe your exposure?

Describe your depth of field?

Describe your motion?

2. Use the following settings

a. ISO – 400

b. Aperture – f/8

What shutter speed is required to zero the light meter & make a good exposure?

Describe the photo:

Describe your exposure?

Describe your depth of field?

Describe your motion?

3. Use the following settings

a. ISO – 400

b. Aperture – f/22

Which shutter speed is needed for a good exposure?

When you shot this one, what happened?

Describe your exposure?

Describe your depth of field?

Describe your motion?

4. Please write a short paragraph explaining your takeaway from this online simulation.