

camera simulator

Name: _____

ASSIGNMENT: In this exercise you will experiment with a camera simulator to begin to understand the exposure triangle and relationships between ISO, shutter speed, and aperture.

VOCABULARY: Provide a descriptive definition for the following terms.
Use complete sentences and write in your own words.

Shutter speed:

Aperture:

ISO:

Focal Length:

Camera Mode:

KEY QUESTIONS: Experiment with the simulators, use your notes, and respond to the questions.

1. What happened when you used a slow shutter speed? What happened when you used a fast shutter speed?
2. What happened when you used a large aperture versus when you used a small aperture?
3. What happens when you change the ISO?
4. How does changing the focal length affect your photograph? How does changing the subject distance affect your photograph?

CREATE THE FOLLOWING PHOTOGRAPHS USING THE CANON CAMERA SIMULATOR

<http://www.canonoutsideofauto.ca/play/> **The photographs must be properly exposed. Make sure the exposure meter is centered before you take the photo. Use manual mode. List the settings you used.**

1. Freeze the propeller so there is no blur from the spinning: ISO_____ Shutter Speed _____ Aperture_____
2. Create a blur on the propeller from motion: ISO_____ Shutter Speed _____ Aperture_____