SLR Camera Simulator

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Go to <http://camerasim.com/camera-simulator.html>

Set the Camera Simulator to Manual Mode. Leave the ISO at 200 for every picture. Change your shutter speed and aperture (f/stop) to the numbers listed below. Describe what happens to each photograph.

Shallow DOF—Set your aperture to f/4.5. Change the shutter speed to the designated numbers below. Note the differences between the photos.

1. Shutter Speed = 1/2000

Describe the exposure.

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Describe the depth of field (DOF).

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What happened to the pinwheel?

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1. Shutter Speed = 1/800

Describe the exposure

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How is the DOF different from the previous photo?

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1. Shutter Speed = 1/250

Describe the exposure.

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Medium DOF—Set your aperture to f/11 Change the shutter speed to the designated numbers below. Note the differences between the photos.

1. Shutter Speed = 1/400

Describe the exposure.

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Describe the DOF. How is it different from the pictures using an f/4.5 aperture?

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1. Shutter Speed = 1/125

Describe the exposure.

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What happened to the pinwheel?

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1. Shutter Speed = 1/30

Describe the exposure.

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Wide DOF—Set your aperture to f/22. Change the shutter speed to the designated numbers below. Note the differences between the photos.

1. Shutter Speed = 1/20

Describe the exposure.

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Is the photo blurry? What do you think is causing this?

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Use the tripod. Does this help? Why or why not?

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