

Light Meter Scavenger Hunt

Name _____ Length of lens you are using _____

What to remember about built-in light meters. They are designed to produce exposures that are middle gray. If you have a predominantly light or dark subject, you will need to meter off a selected area that is gray (or use a gray card). Also watch out for a radical difference in the light intensity between the subject and the background. Meter up close to the subject for accuracy.

1. Outside under the covered walkways:

What is your aperture?

shutter speed?

If you need a shutter speed of 125 then what would your aperture be?

2. Outside in the courtyard:

What is your aperture?

shutter speed?

If you need a shutter speed of 15 then what would your aperture be?

3. Inside the gym:

What is your aperture?

shutter speed?

If you need a shutter speed of 250 then what would your aperture be?

4. In the hallway:

What is your aperture?

shutter speed?

If you need a shutter speed of 60 then what would your aperture be?

5. Inside a classroom with windows:

What is your aperture?

shutter speed?

If you need a shutter speed of 125 then what would your aperture be?

6. Inside the auditorium or the black box (pointed at the stage):

What is your aperture?

shutter speed?

If you need a shutter speed of 250 then what would your aperture be?

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1. Place your partner between your camera lens and the sun.

a. What is the light meter reading using your light meter normally?

b. What is the light meter reading when you take the reading off the person?

(Hint: get very close to your subject.)

c. What is the light meter reading when you take the reading off the palm of your hand?

2. Place your subject on a bench in the courtyard with the brightest sun behind them.

a. What is the light meter reading using your light meter normally

b. What is the light meter reading when you take the reading off the person?

(Hint: go very close to your subject.)

c. What is the light meter reading when you take the reading off the palm of your hand?

LOCATION	F-STOP	SHUTTER SPI
Computer Room	_____	250
Computer Room	8	_____
Patio (Outside Door)	_____	125
Patio (Outside Door)	5.6	_____
Under tree	_____	60

Under tree	11	_____
Courtyard	_____	500
Courtyard	22	_____