



Through School To Nation

**CHANGKAT CHANGI SECONDARY SCHOOL
ART & DESIGN
TERM 1 WEEK 1
BASIC PHOTOGRAPHY**

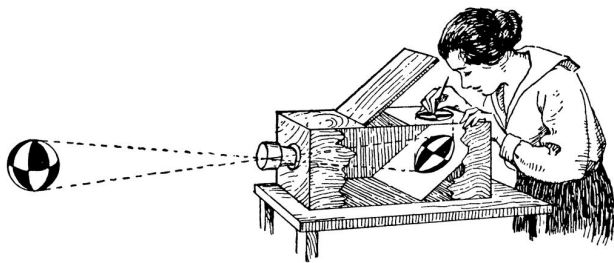
NAME: _____ () CLASS: _____ DATE: _____

Section A: Photography Function

Read the questions carefully. Write down the answers in the spaces provided below.

1) Defining: What is a camera?

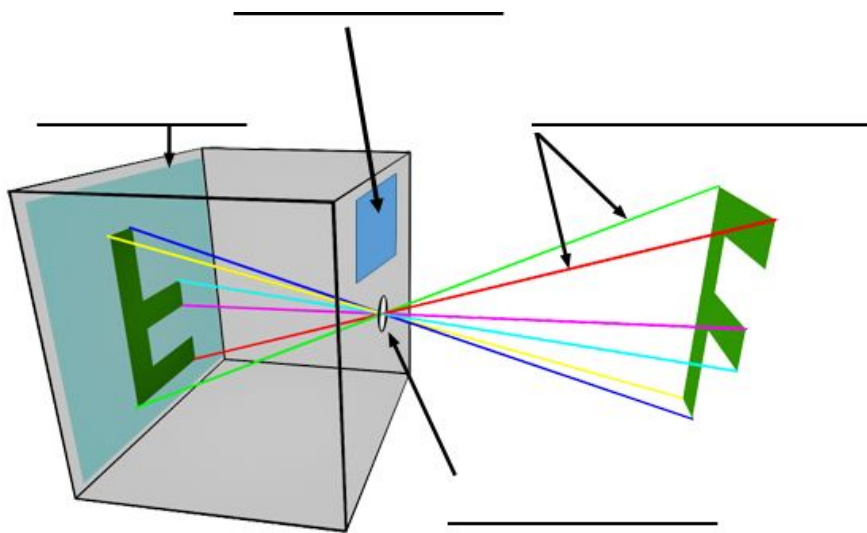
2) Identifying: Name the first camera as seen below?



Source: http://etc.usf.edu/clipart/49700/49736/49736_cam_obscura.htm

3) Understanding: Fill in the diagram [Di.1] below to show how images are recorded.

[Di. 1]

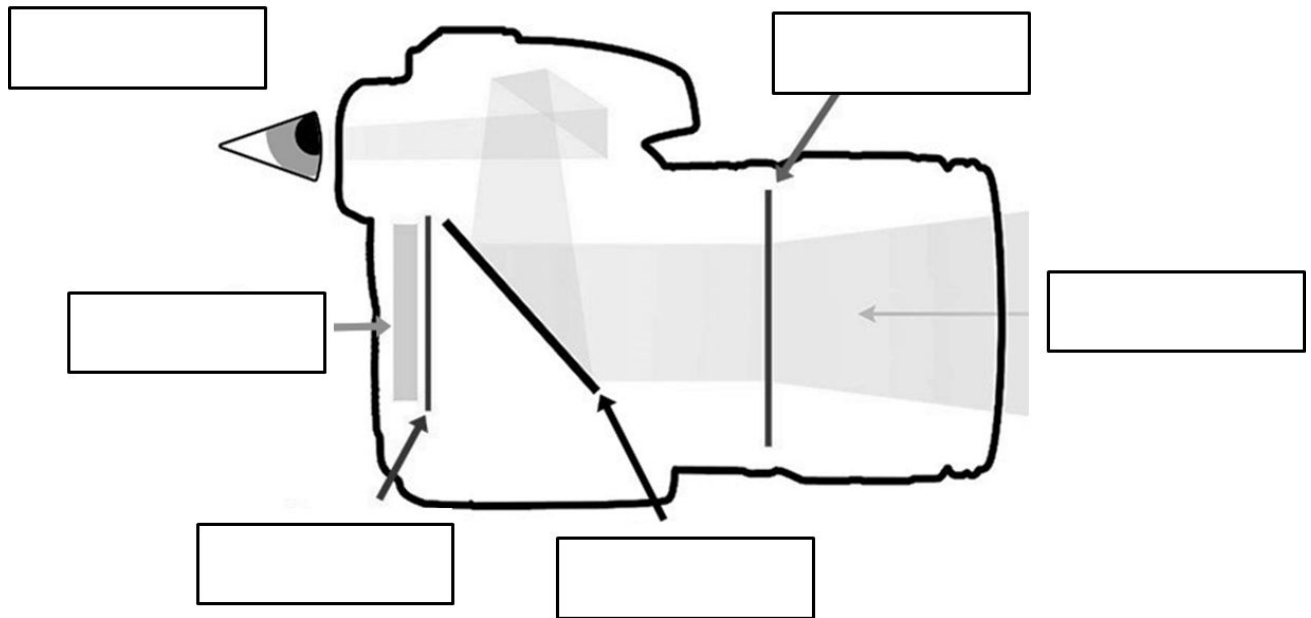


Source: <http://www.scratchapixel.com/lessons/3d-basic-rendering/3d-viewing-pinhole-camera>

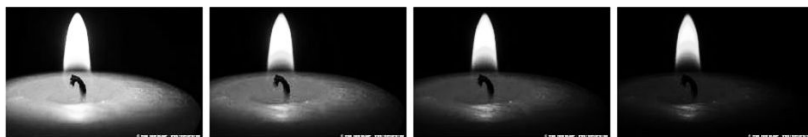
5) Identifying: The Art of Photography has evolved over the years. At present, DSLR cameras are widely used. What does the acronym DSLR stand for?

6) Identifying: Label the parts of the DSLR camera in the diagram [Di. 2] below:

[Di. 2]



7) Defining: What is aperture?



<https://www.bhphotovideo.com/explora/photography/tips-and-solutions/understanding-aperture>



Wider aperture

Smaller aperture

8) Defining: What is the camera shutter?



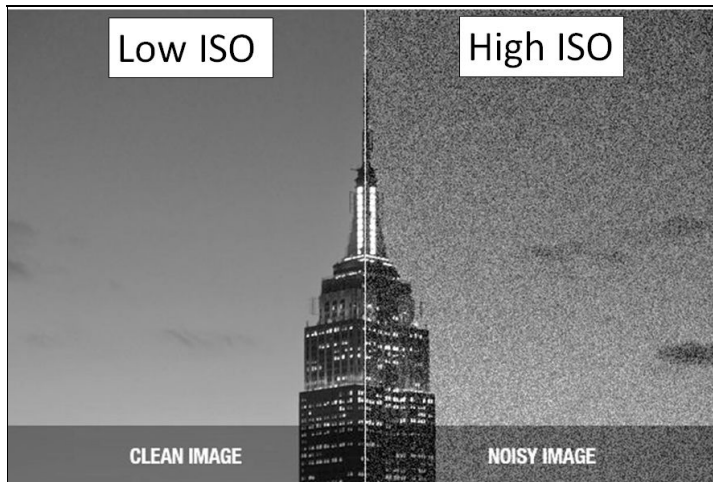
Slow Shutter Speed



Fast Shutter Speed

Source: <http://www.labrisaphotography.com/2013/12/17/52woa-week-8-slow-shutter-speed-vs-fast-shutter-speed/>

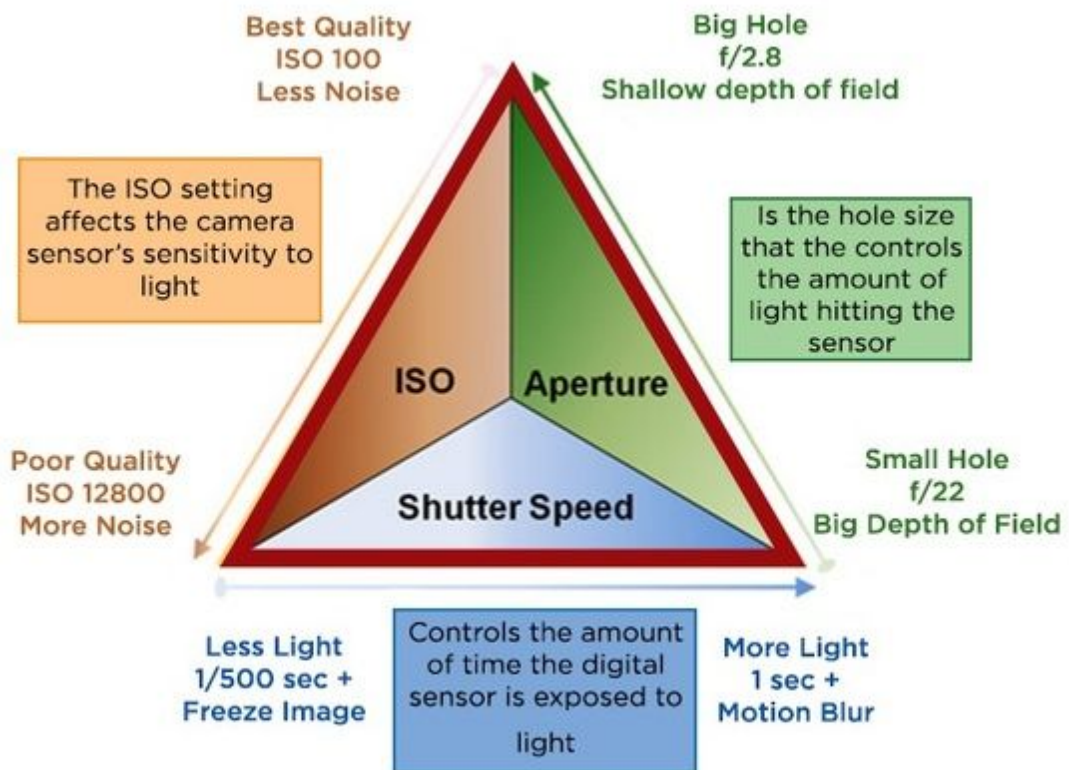
9) Defining: What is ISO?



Source: <http://www.exposureguide.com/images/iso-sensitivity/iso-sensitivity-comparison.jpg>

!NOTE

The camera's aperture, shutter speed and ISO are the three pillars of photography that every photographer should thoroughly understand. These functions allow a photographer to get the most out of their equipment.



Source: <http://wholelifestylenutrition.com/health/learn-how-to-use-your-dslr-camera-with-this-easy-photography-tutorial>

Section B: Photography Composition

Read the questions carefully. Write down the answers in the spaces provided below.

10) Understanding: What are the 5 fundamentals of taking good photographs?

11) Identifying: Write down the fundamentals used in the following photographs?

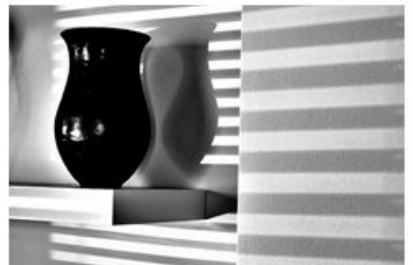
















14) Application:

i- Using your own device/ device loan from school, capture photographs that aligns with these characteristics:

Characteristics of photography assignment			
Category 1: POD	4 Photos	Composition type: Emphasis	Subject Matter: Student's Choice
	4 Photos	Composition type: Symmetry	Subject Matter: Student's choice
Category 2: Shutter Speed	4 Photos	Composition type: Jump Shot (fast shutter speed)	Subject Matter: Student's choice
	4 Photos	Composition type: Movement Shot (slow shutter speed)	Subject Matter: Student's choice

Category 3: Lighting	4 Photos	Composition type: Hard Light	Subject Matter: Student's Choice
	4 Photos	Composition type: Soft Light	Subject Matter: Student's Choice
Category 4: Camera Angles	4 Photos	Composition type: Ant	Subject Matter: Student's Choice
	4 Photos	Composition type: Giraffe	Subject Matter: Student's Choice
Category 5: Rule of Thirds	4 Photos	Composition type: Rule of Thirds	Subject Matter: Student's Choice

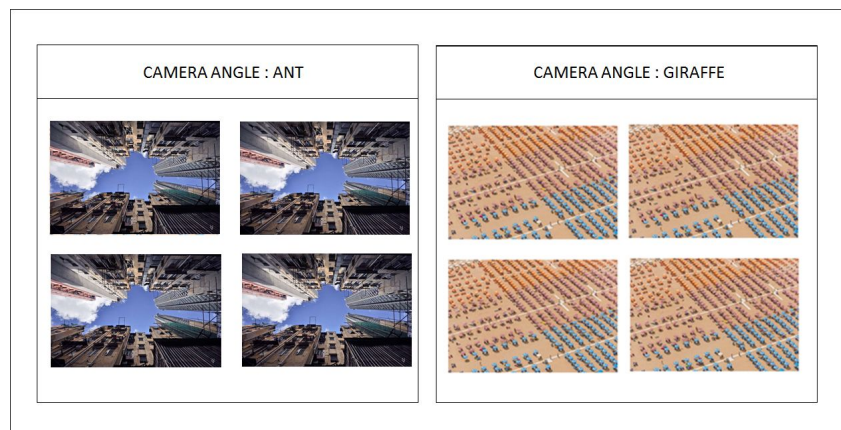
ii- Transfer all images to your laptop. Insert all images in specific folder according to the format below. Make sure all images are .jpeg files. Copy the file to a thumbdrive.

E.g.



iii- Open a Powerpoint slide and transfer all images onto one page on a landscape orientation. Each powerpoint slide should have all the photos of each category. Each slides should also include only 8 images. You will then label the photos according to the composition type. Example is shown below.

E.g.



iii- Print all 5 pages in colour on an A4 paper. Submit the thumbdrive and printouts at the beginning of next lesson.

-End-