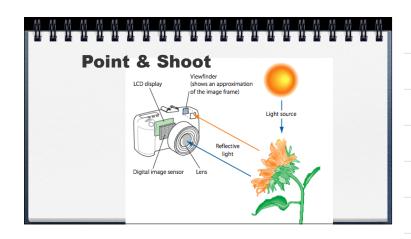


Question: Snapshot... Photograph... What is the difference?

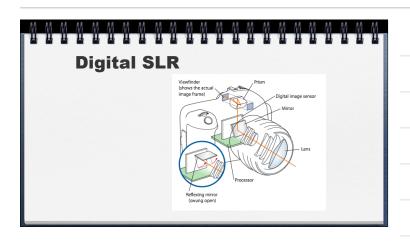
2 Types of Cameras Point and Shoot Single Lens Reflex (SLR) or (DSLR) there are others we won't get into this class

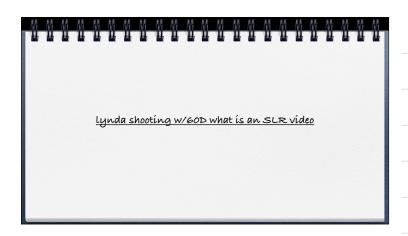
Pros Easy...just POINT & SHOOT lightweight built in flash smaller in size Pros Cons less control of settings cannot interchange lenses lenses less durable





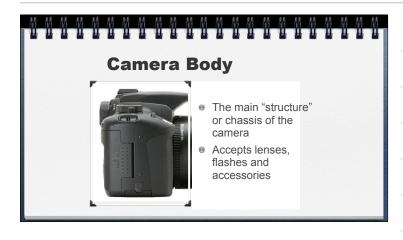


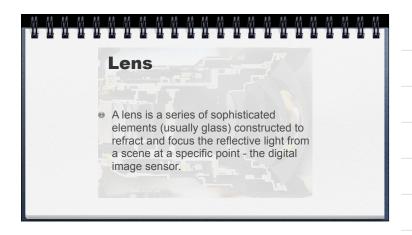


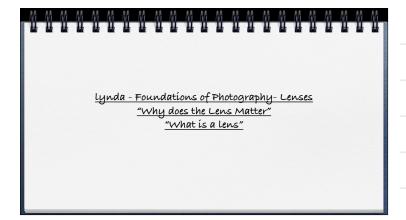




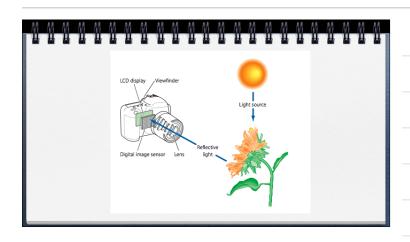
Parts of the Camera Body Lens Aperture Shutter Digital Image Sensor Memory Card External Flash







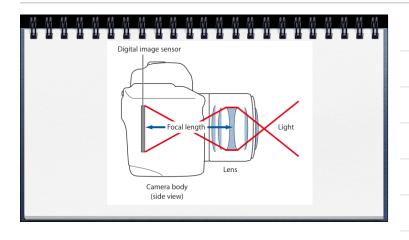




Understanding Lenses Focal Length Types Wide Telephoto Zoom Prime

Focal Length The distance from where light enters the lens to the point it is focused on the image plane (sensor) The amount of magnification of the lens







Lens Categories (classify) □ Wide-Angle Lens

- □ short focal length that takes in a wide



- □ Telephoto Lens
 - long focal length that magnifies the subject
 - typically used for sports and nature photographers



Lens Types □ Zoom Lens □ can mechanically change focal length □ example 17-55mm □ convenient □ extra glass adds weight and slightly lower quality □ less glass = better quality

EF-S 17-55 f/2.8 IS USM

Lens Types cont. □ Prime Lens EF 28mm f/1.8 USM □ aka: Fixed Lens $\hfill\Box$ has a $\ensuremath{\text{fixed}}$ focal length that is not modifiable often contain wider apertures □ wider apertures allow brighter images in low-light □ primary use = portrait photographers

