

Cameras and Photography



Corresponds to QuickReads Level D, Book 3,
Cameras and Photography

Camera



Chemicals

Definition:

A substance used in Chemistry or produced by a chemical process



Example:

The man uses *chemicals* to develop a photograph.

Digital



Digital Cameras use a “system in which information is represented in the form of numbers.”

Improvement

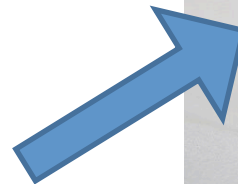
Definition: A change or addition that makes something better

Example: Over the years, camera inventors have made great *improvements*.

From this



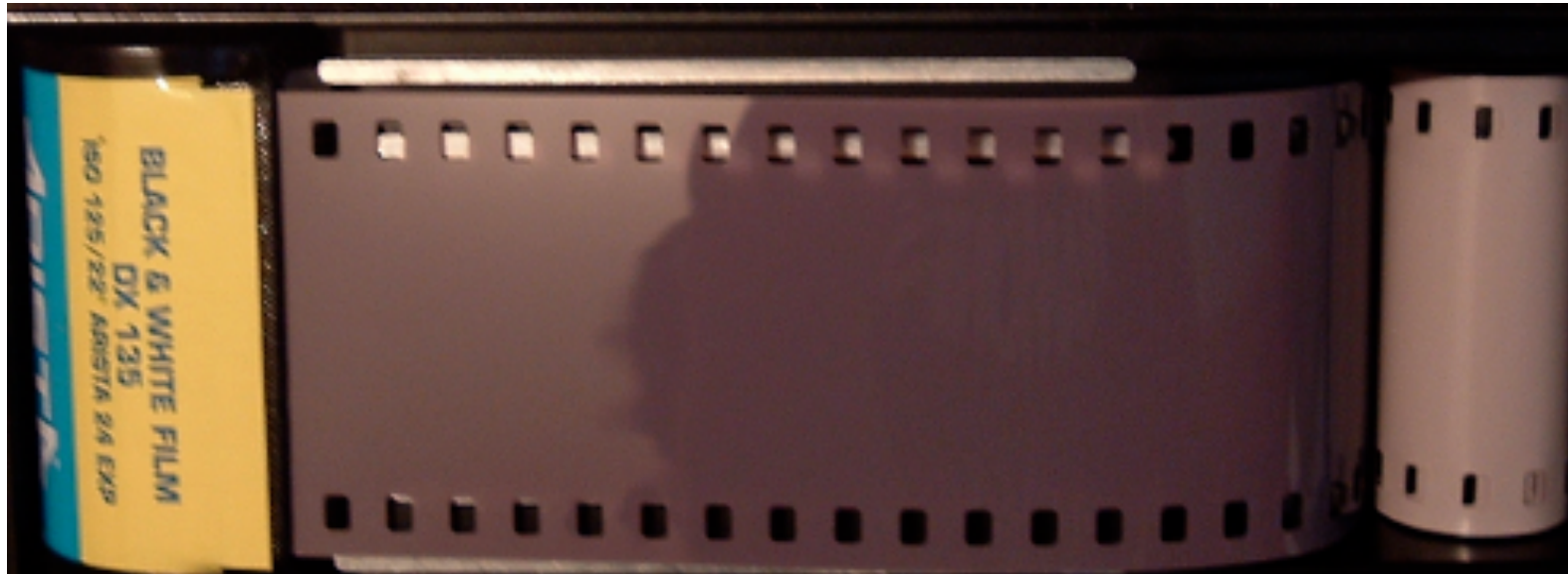
To this



Photographers



Sensitive



Definition: Reacting to very small changes in light, temperature, sound, etc.

Example: Cameras use light *sensitive* film to capture images.

Viewfinder



Photo: Back side of Fujifilm FinePix F810 digital camera, August 2008. © 2008 by J-P Kärrnä. Some rights reserved Creative Commons Attribution-Share Alike 3.0 Unported, 2.5 Generic, 2.0 Generic, and 1.0 Generic

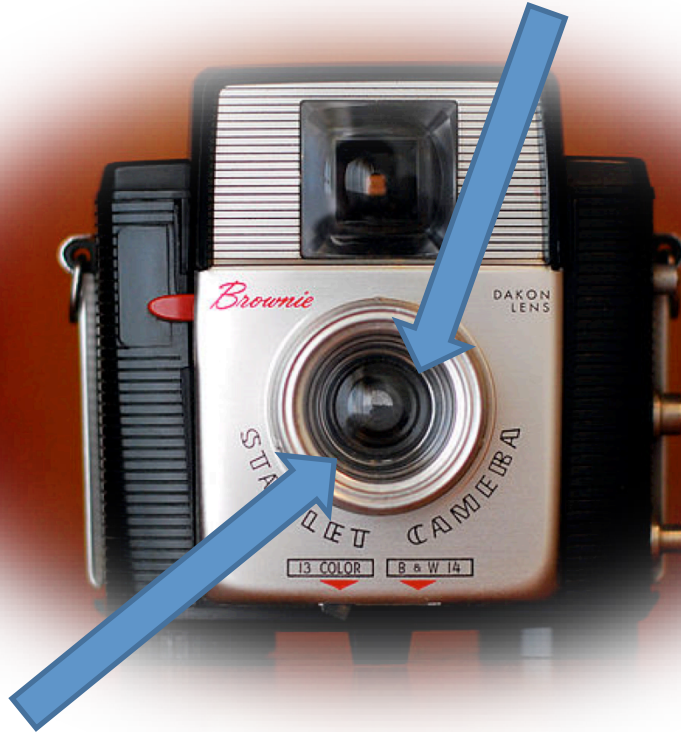
Grainy



Photo: Historic Handshake between American and Soviet Astronauts, July 1975. Photo released into the Public Domain by the National Aeronautics and Space Administration

Shutter

Definition: A part of a camera that opens to let light onto the film



Example: When you take a picture, the *shutter* opens and lets light into the camera, allowing the film to capture the image.

Image



Practical



Definition: Useful, or appropriate for a particular purpose.

VS.



Example: Digital Cameras are more *practical* and easier for people to use.

Plate

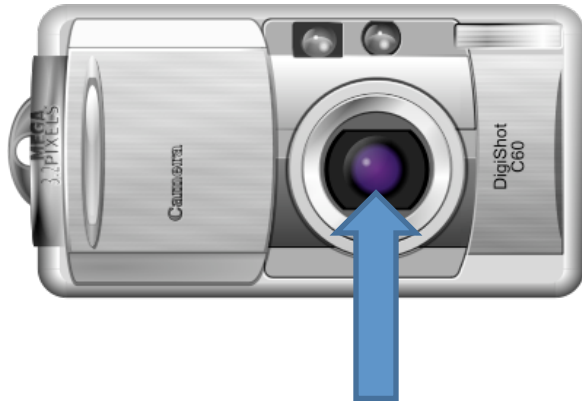
Definition: a flat piece of metal, glass, bone, etc.



Example: Photographers, who used older cameras, printed their pictures on glass or metal *plates*.

Sensor

Definition: a device that can detect a person or thing



Example: *Sensors* know when to open doors or capture light in a camera.

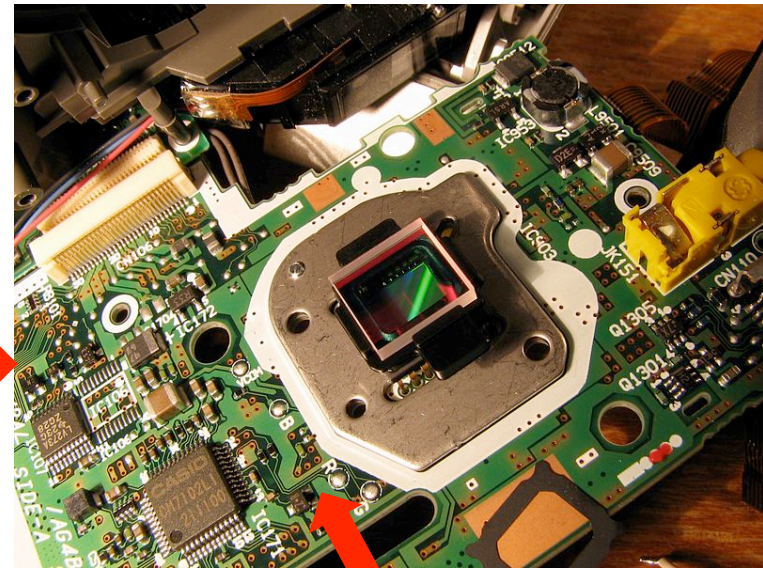


Diodes

Definition: A piece of electrical equipment that makes an electrical current flow in one direction



Example: *Diodes* send electrical currents which allow digital cameras to capture an image.



Left Photo: A modern digital camera, July 2009. Image released into public domain by AJ in en:Wikimedia. http://commons.wikimedia.org/wiki/File:Digital_Camera.svg

Right Photo: The Business end of a digital camera-the image sensor, April 2007 © 2007 by John Carney. Some rights reserved using Creative Commons Attribution 2.0 Generic.

Output and Converted

Output:

The results produced by a computer or other process.

Converted:

To change, or to make something change, from one form, system, or purpose to another.

Pictures saved on digital cameras or computers are made when electrical currents' *output* are *converted* into a digital form

Output

