



# Photography

*by Katy Packwood*



# Different types of Photography

Fashion- is a genre of photography devoted to displaying clothing and other fashion items

Architectural photography- is specialized photography of structures. It involves special lenses and techniques.

Documentary photography- Documentary photography usually refers to a popular form of photography used to chronicle significant and historical events.

Event Photography- Pictures from an event

# Different types of Photography

Fine Art Photography- Fine art photography refers to photographs that are created in agreement with the creative vision of the photographer as artist.

Landscape- Landscape photography is a genre intended to show different spaces within the world, sometimes vast and unending, but other times.

Portrait- Portrait photography or portraiture is the capture by means of photography of the likeness of a person or a small group of people.

# Different types of Photography

**Sports-** Sports photography refers to the genre of photography that covers all types of sports.

**Travel Photography-** Travel photography is a subcategory of photography involving the documentation of an area's landscape, people, cultures, customs.

**Wildlife Photography-** Wildlife photography is the act of taking photographs of wildlife.



# What are some of the best camera's?

**Canon PowerShot A4000 IS** -the Canon PowerShot A4000 IS is a camera capable of capturing some very nice photos, though you'll quickly lose detail if you set its ISO too high. ISO stands for International Standards Organisation.



# What are some of the best camera's?

Fujifilm FinePix Z1000EXR- Great images with the powerful zoom in a stylish compact body. After taking photos, you can instantly send your photos to your smartphone via "Connect to Smartphone" to share them with friends.



# What are some of the best camera's?

Fujifilm FinePix HS30EXR- has a great design and feature set for those who like to do more than leave their camera in auto. It also has several shooting options to improve photo quality for difficult lighting.



# What are some of the best camera's?

**Panasonic Lumix DMC-TZ30-** The Panasonic Lumix DMC-TZ30 is a compact travel zoom camera with a pretty elaborate GPS setup. Not only does the TZ30 log your location, it also has a database of a million landmarks and maps of ninety countries. It also packs a new 20X zoom lens, 14.1 Megapixel MOS sensor. CCD in the camera super-fast autofocus, 10 frame/second continuous shooting, a great auto mode, in-camera panorama stitching, and Full HD video recording



# History of Photography

Photography has been around for a very long time. The basic principle of the camera was in use a thousand years ago when Arab astronomers were projecting images of well lit objects onto the walls of darkened rooms. This so called camera obscura (dark room) was also documented by Leonardo da Vinci in 1519. The word photograph comes from two Greek words - *photos* meaning light and *graphein* meaning to draw.

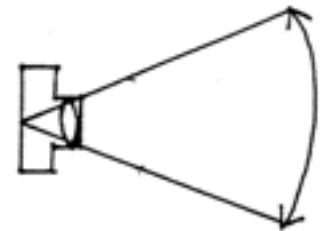
First Camera-



# About Photography

Short focal length lenses (eg 28 mm) are also called wide angle lenses since they can take in up to about 75 degrees and still bring it to focus on the film. Long focal length lenses (eg 500 mm) are also called telephoto lenses. Cameras with these lenses need to be supported on a tripod! An f stop of  $f/2$  or  $f2$  means that the aperture (hole) diameter is half of the focal length of the lens. An f stop of  $f/4$  or  $f4$  means that the aperture (hole) diameter is one quarter of the focal length of the lens. Each time the diameter of the aperture is halved, it reduces the area (and so the amount of light passing through) by to one quarter. To get the same amount of light onto the film, the exposure to light would have to be four times as long, so the shutter speed would be four times as long. In practice the f stops are determined so that going from one f stop to the next changes the aperture area (and therefore exposure) by a factor of two.

The usual f stops are  $f2$ ,  $f2.8$ ,  $f5.6$ ,  $f8$ ,  $f11$ ,  $f16$ .





# Photography

The edge of a photograph acts as a frame that does not really exist in nature, and can be used to produce shapes in the photograph shapes that are not really there.

When photographs are viewed, the viewer has no way of knowing what was actually there beyond the frame.

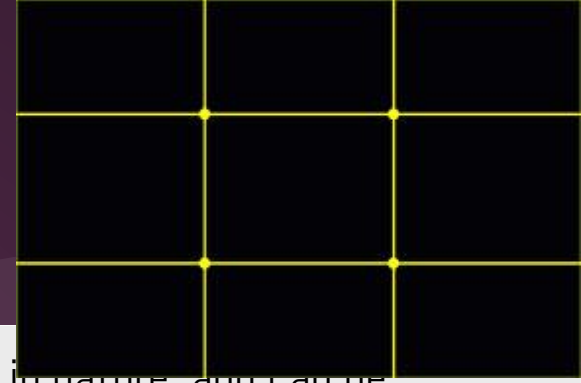
Try looking at photographs and imagining what else was there.

Try blocking off (major) portions of a photograph (or picture in a magazine) to make new, different pictures with a different focus!

The rule of thirds is probably the most often referenced photography rule of composition. It is all about subject placement within the frame.

First of all, imagine that your picture space is divided into thirds both horizontally and vertically, like a tic tac toe grid.

The photography rule of thirds tells us to align our subject with one of the points where those lines cross. That means our subject is one third of the way "into" the picture space – from either the top or bottom, and from either the left or right. And *that* means it's not in the middle



# Live Expert Information

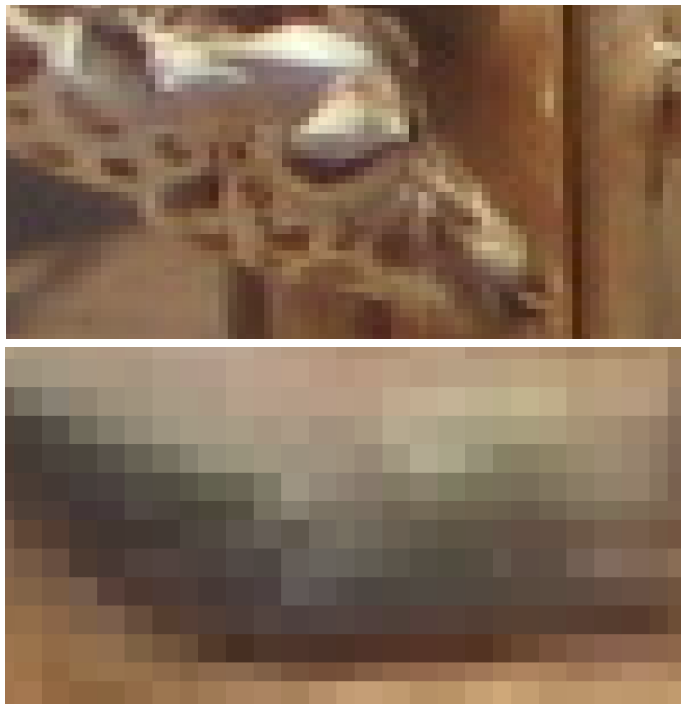
Ryan Collison

Ryan's favorite type of photography is Portrait. His least favorite is Landscape.

Some helpful hints he gave me for photography- is Most importantly: take pictures and lots of them. It doesn't matter what kind of camera one has, just as long as one has something that captures images. Great photos are like magic that just come and go. There are images that I have shot that seem like pure luck, and it had nothing to do with how much money I spent on my camera. Some of my most meaningful images were taken on a camera that I bought used at a pawn shop. Let the only critique be yourself. Photography should be about personal enjoyment, when the photographer is having fun, it will show through in the images. Never be afraid to be serious about shooting.

# Pixels

Pixels are what the pictures actually look like but your eye can't see it, when you take the picture. But when you download it to the computer and zoom in you can see it. They look like this...

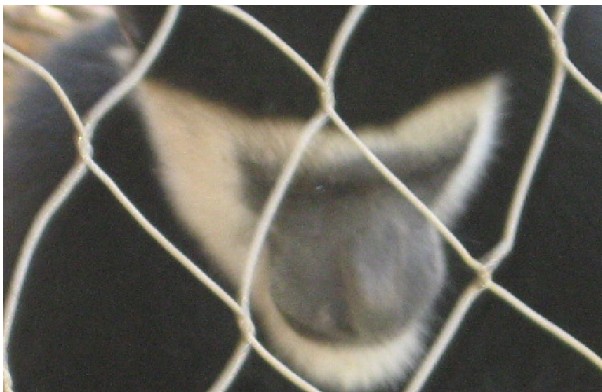




# Zooming in too much or good

More on next page

Sometimes people will zoom in and it will get pixelated or blurry which looks about. here are some pictures that are zoomed in good and bad. The original picture is under the zoomed in picture.





# More Zoomed Pictures





# Landscape Photography

Landscape- Landscape photography is a genre intended to show different spaces within the world, sometimes vast and unending, but other times.





# Wildlife Photography

Wildlife Photography- Wildlife photography is the act of taking photographs of wildlife.



# Improvement Advice

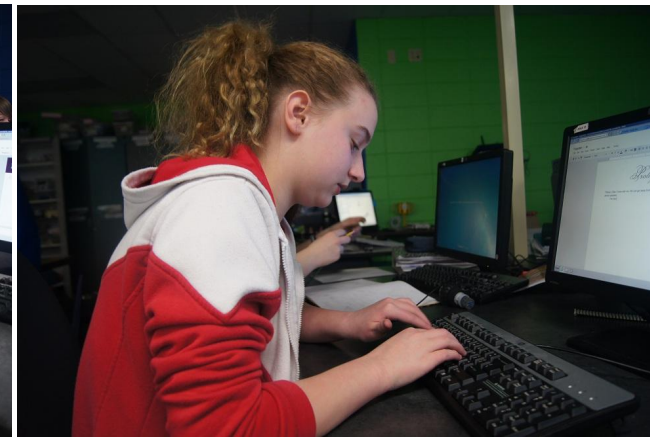
For this picture I think that they would need to have more focus to have this become a good photo.





# Improvement Advice

Some people don't actually zoom in or out and they will just take a picture which is alright but sometimes zooming is good. Here are some pictures I took with zooming in and no zooming.



Thanks for watching

THE END