



PLACE  
STAMP  
HERE

## Mentorship: Dana Perkins

Tin Star Photography is a Waxahachie and greater Dallas/Fort Worth photography company that specializes in child and family photography.

Dana Perkins is the head of the business and my mentor. Through assignments, she has taught me the essentials of photography including use of lighting and photo composition, thus greatly improving my photography.

### HUDSON INGRAM

Waxahachie Global High Student  
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# HUDSON INGRAM

I am an aspiring photographer and during my project, I worked under my mentor, Dana Perkins.



## Adjusting the Aperture

Aperture is comparable to the opening of the pupil in the eye and its change in size under different lighting conditions. When it is bright outside, your iris shrinks, causing the opening of your pupil to become smaller, like using a smaller aperture on your camera lets in less light so that you can capture a better image. The iris in this case is like the lens of a camera. This can be used to create focusing effects with the camera, such as having one subject within the field of focus of the image while the background remains unfocused.

### Identifying Aperture

There are a few different identifiers to take note of when observing an image to identify its aperture. These include:

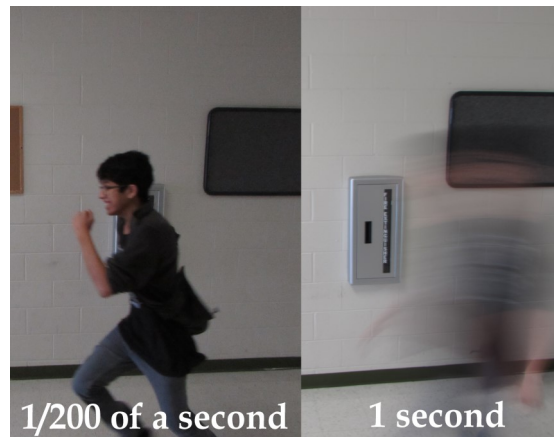
- Which subject possesses the most focus.
- The level of focus within the background.

Keeping these items in mind, you may notice in the image below of a mint case, that the arm and water bottle in the background are losing focus as the number of aperture decreases.



## Shuttering Speeds

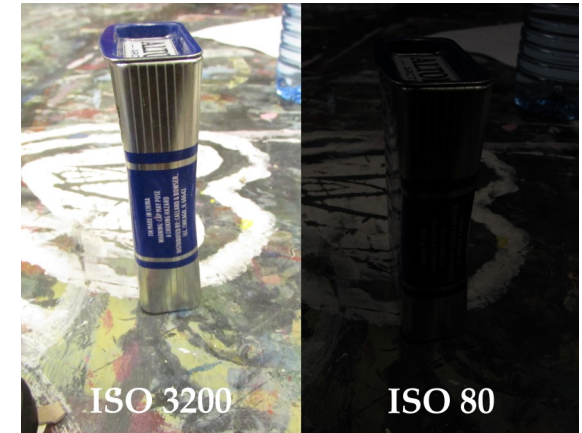
Shutter is a setting that allows the user to take pictures more quickly and, in effect, capture a subject in its entirety faster. This enables the photographer to utilize different effects on their photos, such as a longer shutter speed on a moving subject will create motion blurs. On the other hand, taking a photo of a moving subject with a fast shutter speed will better capture the subject in a still frame. However, capturing images with a fast shutter speed makes the picture darker, thus requiring more lighting. There are tons of different settings for different speeds.



### Identifying Shutter Speed

Identify shutter speed using these tips:

- A subject captured in motion as they are moving fairly quickly can show that the photographer used a fast shutter speed.
- Comparing the movement of the subject to the stillness of the background or vice versa can indicate use of a slow shutter speed.



### ISO

ISO is basically your camera's level of sensitivity to light. The larger the ISO, the faster your camera captures light. The faster your camera captures light, the crisper and brighter your photos will be. With a smaller ISO, it takes longer to capture an image, resulting in darker photos and blurred images of movement. Using the highest ISO sounds like the way to go, however, there's a tradeoff. If you exceed the "base" ISO for your camera, you risk adding "noise" and graininess to your photos.

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