

The Michael Andrew Photography School  
Homework: Intermediate- ISO Sensitivity

Name: \_\_\_\_\_ Email: \_\_\_\_\_  
Date: \_\_\_\_\_

Find a box of crayons or watercolors or MM's or Skittles, or anything that has lots of different colors. Sunsets can be nice too. Set your Camera to AV mode, and use your widest aperture.

Take a picture of your subject at each of the following ISOs. You will need to know how to change your ISO setting on your camera to do this. (Some point and shoots will not allow you to change your ISO.)

100  
200  
400  
800  
1600

Inspect your images in Photoshop or any other program you are using to view on your computer.

Zoom in to each picture at 100% and inspect the image.

What do you notice about the colors at each ISO level?

At what point (ISO rating) is the noise unacceptable for the camera you are using?

How did changing the ISO ratings effect your exposure settings (esp your shutter speed?)

When might you need to bump up your ISO?

Extra Credit-

Shoot a portrait of a friend or model with a very high ISO value, such as 1600 or 3200. In Photoshop (or other editing program) change the photo to black and white.

What do you notice?

What does this added grain do to the picture?

If you are shooting in very poor lighting and have no other options, remember this trick! ;)