YOU WILL WANT TO GET THIS INTO A GOOGLE DOC SO IT AUTOSAVES….THERE ARE TWO WAYS TO DO THAT:

1. Copy everything on the page and paste it into a Google Doc.

OR

1. Upload the word doc into your Google Folder and then open with Google Docs.

Use the internet to research answers to the following questions. These are terms and concepts that will be used a lot in the remaining weeks of this semester. This is where you will get a strong foundation for what they mean AND a resource page to help you later.

**Answer in your own words. Don't just copy and paste. Site the url address where you found the information.To get credit for the answer, you must provide the link to the site where you found the information. (Excluding the last seven as the link is provided for you.)**

1. What is a pixel?
2. What is pixelization?
3. What is resolution and why do you care?
4. When would you use higher or lower resolution?
5. What resolution should an 8 x 10 photo be?
6. What is depth of field?
7. What is aperture?
8. Name 2 common wide aperture settings:
9. Name 2 common small aperture settings:
10. What aperture settings will achieve a shallow (blurred background) depth of field?
11. What reason(s) would you want to use this aperture setting?
12. What is shutter speed? How does it affect your photos?
13. What is RGB? How does it work?
14. What is CMYK? How does it work?
15. What does the camera’s white balance do?
16. What is contrast?
17. What is exposure?
18. What is the problem when your photo is over or under exposed?
19. And what are the three ways to control exposure?
20. What is ISO?
21. What is a JPG? What is RAW format? Why do professional photographers use RAW?

Go to : <http://www.photonhead.com/beginners/>

1. When shooting with a digital camera, there is often an annoying delay between the time that the shutter button is pressed and the time the digital camera fires to take the photo. What is this frustrating delay called and what measures can be made to avoid it?

Go to <http://www.photonhead.com/simcam/>

**Click on SIMCAM shutter and aperture:**

1. Play around with the shutter & aperture settings. Which settings do YOU prefer? Why? (discuss depth of field, detail, light, etc... as needed)

**Click on SIMCAM film speed:**

1. Follow the directions and play around with film speed. What are the noticeable differences in 100ASA film photo compared to that shot with 400ASA film?
2. What settings did you have to use to achieve a nice exposure using 400ASA film?

**Click on SIMCAM camera shake:**

1. What settings were needed with the zoom lens to avoid camera shake while also achieving decent exposure?
2. Were you able to get a proper exposure with the zoom lens? Explain.
3. What could you do to improve your exposure if you were using this camera & lens? Explain.