Photography Student Note Packet

**Photography**

What is photography?

The art of taking and processing photographs

**Photography in Agriculture**

How do agricultural communicators communicate their message?

Through written and visual cues

What do electronic media focus on? Visual messages

What three elements in a film camera combine to create a printable image?

1. Lens
2. Film
3. Camera Body

A digital camera records images electronically using what? A processor

**Film vs. Digital**

<table>
<thead>
<tr>
<th>Film</th>
<th>Digital</th>
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<tr>
<td>Made up of the lens, the film, and the</td>
<td>Records images electronically using a</td>
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<tr>
<td>camera body</td>
<td>built-in processor</td>
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<tr>
<td>Those three elements combine to create</td>
<td>Lens refracts light onto a computer chip</td>
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<tr>
<td>a printable image on film</td>
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What camera was used in the demonstration of camera parts?

Canon EOS Rebel T3

**Photo Composition**

What creates interest and appeal to those viewing the image? Photo Composition
Describe the six rules to improve composition:

Simplicity-
Keep your images simple. If your main subject is close to the lens, then your background should be simple in order to avoid distractions. Another good idea is to avoid objects or lines that lead the eye away from your main subject.

Subject-background relationship-
In the final print, the background will be as much a part of the image as the subject.

Framing-
Frames can be created by other objects near or related to the subject to create visual interest. Bushes, windows, trees, even a doorway. Focus on the subject not the surroundings.

Rule of thirds-
Rectangular frame divided into thirds horizontally and vertically with four points located where the lines intersect. Creates stronger points of placement. Try this with landscape shots (image on slide). Place the horizon on the upper third of the photograph.

Centering and symmetry-
Symmetry is when one shape becomes exactly like another if you flip, slide, or turn it.

Symmetrical images can be centered.

Lines-
Directs the eye deeper into a photo and commonly to the main subject. From any side or depth

Leading lines could be roads, rivers, tree branches, or even bridges.

Photo Manipulation
Fixing minor mistakes in a photograph by removing minor distractions that might hold the attention of the viewer is known as? Photo Manipulation
Describe the five elements of photo manipulation:

Cropping-

Cropping is easy and, when planned carefully, can greatly improve the composition and visual impact of a digital photo. Here are a few of the main reasons why you should crop an image: Improve photo composition, Give your image focus, "Zoom in" on a subject, Get creative and add originality and drama

Resizing-

You should resize images if you plan to load images to the Internet for display on a web page. On the web, the larger the image size the longer it will take the web page to load. For digital images set the Image size to 72 ppi (pixels per inch). For printed images set the image size to 300 ppi. Warning! When taking images from the internet and using them for print the image could become pixelated. Always select the largest version of the image off the internet.

Red eye-

Removes the red from individuals eyes.

Exposure-

The easiest way to regulate the exposure of your photo is to shoot in the AUTO setting.

Color-

The color of the photo can be auto corrected.