PHOTOSHOP: Pencil vs Camera
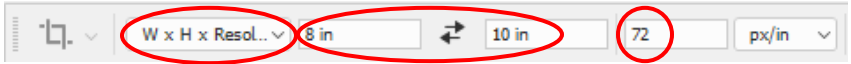
Computer Graphics I

LEARNING TARGETS

- Use Pencil to create a value drawing.
- Combine traditional and non-traditional art media.
- Explore the art of Ben Heine.
- Use Photoshop to composite two images into one.

PROCESS

1. **OPEN**: Open Photoshop and choose "File > Open" to open your background photo.

2. **CROP**: Select the Crop tool to crop your image:

   - Choose "W x H x Resolution"
   - Enter "8 in" and "10 in" for the height and width *(or switch if your photo is portrait orientation)* and "300 px/in".
   - Resize/apply the crop on your image, also paying attention to the Rule of Thirds lines.

3. **LEVELS**: Apply the Levels adjustment (Image > Adjustments > Levels...).

4. **PRINT**: Print your photo. *(see STEP 1 example)*

5. **DRAFT DRAWING**: Place (tracing) paper over your printed photo and use pencil to lightly sketch your drawing. Make sure to also trace any necessary parts of the background image onto the drawing paper so your drawing will line up correctly. *(see STEP 2 example)*

6. **FINAL DRAWING**: Next, use pencil to make your final drawing on a new piece of drawing paper. Remember to add a full range of value by using a combination of shading, stippling, hatching and cross-hatching techniques with your pencil. Erase any stray pencil marks. *(see STEP 3 example)*. Carefully tear the edges of the paper, around your drawing.

7. **TAKE A PICTURE**: Hold your completed drawing in front of a solid colored wall and take a picture of your hand holding your drawing. Transfer this picture to your computer.

8. **COMPOSITE**: In Photoshop, choose File > Open to open both your background image and the image of your hand holding your drawing. Next, use the Quick Selection or Object Selection tool to select only your hand and drawing, then use the Move tool to move your selection into your background photo. Adjust the placement and size of the drawing to align with the background.

9. **SAVE & UPLOAD**: Save your final composition as a Photoshop (PSD) file and save to your flash drive. Also, save as a JPEG image and upload to the "Pencil vs Camera Assignment" on CANVAS.

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Computer Graphics I

REQUIRED

- ✓ **Size**: 8"x10" (portrait or landscape)
- ✓ **Resolution**: 300 pixels/inch
- ✓ **Pencil drawing showing full range of value** through stippling/hatching/cross-hatching techniques
- ✓ **Save as JPEG** and upload to CANVAS

ASSESSMENT

	CRAFTSMANSHIP		LAYOUT		EXECUTION OF IDEA	
Mastery	**Proficiency with all media and tools; no improvement needed.** No evidence of stray pencil marks/smudging. Value blended with no visible lines.	**4/5**	**Strong evidence that overall composition/layout was planned**. Rule of Thirds was followed. No improvements needed.	**4/5**	No improvement needed. **Explored at least 3 ideas on Idea Board assignment**. Included all steps of design process. May show expanded thought and new direction of idea.	**4/5**
Approaching	**Experienced use of media/tools. Lacks finishing touches; could be improved with minimal effort.** Pencil marks/smudging. Value blended, but lines might be visible.	**3**	**Evidence that overall composition/layout was planned**. Rule of Thirds was followed. One (1) or more parts of layout need improvement.	**3**	Could be improved with more thought and effort. **Explored at least 2 ideas on Idea Board assignment**; could be based on existing idea. Missing 1+ steps of design process.	**3**
Progressing	**Shows some understanding of media/tools; could be improved with more effort.** Pencil marks/smudging. Value not blended.	**2**	**Little evidence that overall composition/layout was planned**. Rule of Thirds not used correctly. Two (2) or more parts of layout need improvement.	**2**	Little evidence of trying anything new. **Explored only 1 idea on Idea Board assignment**; could be based on existing idea. Missing 2+ steps of design process.	**2**
Not Meeting	**Shows some understanding of media/tools; could be improved with more effort.** Pencil marks/smudging. Value not blended.	**1**	**No evidence that overall composition/layout was planned**. Rule of Thirds not used correctly. Three (3) or more parts of layout need improvement.	**1**	**No evidence of trying anything new**. Explored only 1 idea on Idea Board assignment; could be based on existing idea. Missing 3+ steps of design process.	**1**
NHI	No evidence	**0**	No evidence	**0**	No evidence	**0**