

DSLR DIGITAL PHOTOGRAPHY

INVISIBILITY ILLUSION PROJECT



INVISIBILITY ILLUSION LESSON:
LESSON PLAN, HANDOUTS,
CRITIQUE, RUBRIC, & MORE



INVISIBILITY ILLUSION PHOTOSHOP MAGIC

BIG IDEA:

- Photoshop magic

ESSENTIAL QUESTIONS:

- How can you use leading lines and a strong focal point to enhance a photograph?
- How can you use Photoshop to create the illusion of an invisible object?
- How can you combine these techniques with a figure to create an invisibility illusion project?

OBJECTIVES: Students will...

- Look at and discuss examples of invisibility illusions.
- Research photographer Kevin Corrado.
- Develop a ideas for invisibility illusion project.
- Submit one to three photographs.
- Participate in a critique of the photographs.

STANDARDS: <http://www.nationalartsstandards.org/>
Middle School:

- Visual Arts/Creating: **VA:Cr2.1.8**, Demonstrate with experiment, innovate, and take risks to pursue ideas and meanings that emerge in the process of art-making.
- Visual Arts/Responding: **VA:Re9.1.8**, Create a logical argument to support an evaluation of art.

High School:

- ART:
 - Proficient:
 - Visual Arts/Creating: **VA:Cr1.1.HSI**, Use multiple images to begin creative endeavors.
 - Visual Arts/Responding: **VA:Re8.1.HSI**, Interpret a collection of works, supported by relevant and sufficient evidence found in the work and its various contexts.
 - Visual Arts/Presenting: **VA:Pr.4.1.HSI**, Analyze, and curate artifacts and/or artworks for presentation and preservation.
 - Visual Arts/Responding: **VA:Re9.1.HSI**, Establish criteria in order to evaluate a work of art.

- Additional supplies/props as needed to include in their photographs
- Frames (these can also be provided by the students)

PRINTABLES:

- Invisibility illusion project handout
- Artist research sheet
- Rubric
- Critique sheet

BONUS

- Invisibility illusion presentation

RESOURCES:

- <https://www.pinterest.com/whitneywpanetta/look-kevin-corrado/>
- <https://www.saatchiart.com/kevincorrado>
- <https://surrealismtoday.com/kevin-corrado/>

- Elements of art: The building blocks of a work of art. The visual components are color, form, line, shape, space, texture, and value.
- Principles of design: describe the ways that artists use the elements of art work of art. Includes: balance, emphasis, movement, proportion, repetitive pattern, rhythm, contrast, unity, and variety.
- Composition: In the visual arts, composition is the placement or arrangement of visual elements in a work of art. The term composition means 'putting together' and can apply to any work of art, from music to writing to photography, arranged using conscious thought.
- Rules of composition: Guiding principles to help create successful photographs. Includes the rule of thirds, balancing elements, leading lines, viewpoint, and exclusion.
- Rules of thirds: Placing the focal point of the photograph in one of the three sections rather than directly in the center.
- Aperture: A part of a lens that controls the amount of light that enters the camera and as a result, the depth of field.
- F-stop/f-number: a camera setting corresponding to a particular f-number is determined by the ratio of focal length to the aperture diameter. The f-number represents the aperture setting.
- Depth of field: the distance between the nearest and the furthest objects that an image judged to be in focus in a camera.
- Shutter speed: In photography, the length of time for which a shutter is open in a given setting.
- ISO: Can change the lightness and darkness of a photograph while capturing. Low ISO numbers mean the image will be darker and crisper, high ISO numbers mean the image will be bright but more grainy.
- Manual mode: Full control over the digital camera settings. You are able to change the aperture, shutter speed, and ISO without the camera trying to adjust with the settings.

IMPLEMENTATION: For a 50 minute class, times may vary.

DAY 1: Introduction

- Start class by showing the Invisibility Illusion presentation.
- Encourage students to participate in a class discussion.

- Explain the project details, they will use Photoshop to combine multiple images into one photograph.
- Go through examples of the project, encourage them to think creatively.
- OPTIONAL: Let your students think of other creative ways to create an invisibility illusion that doesn't use the frame.
- Emphasize the fact that they need a tripod or flat, steady surface to set up their picture in order to take two images that will perfectly align.
- Encourage them to go outside and select a setting with strong leading lines.
 - Take questions as they come up.
- Pass out the artist research sheet and have students get started.
- Once they finish they can start brainstorming ideas for their pictures.
- They will start photographing the next day, so they need to bring in any props needed to create their photographs.
- Have them clean up the last few minutes of class.

DAY 2: Start the Project

- When students arrive have them continue working on their artist research sheet if they haven't finished.
- Once they finish have them turn it in for a participation grade.
- They can go around school to set up pictures or work on combining images.
- Have students clean up the last few minutes of class.

DAY 3-4: Invisibility Illusion Project

- Have students get started as soon as they arrive.
- Help as needed with camera modes, set up, editing, Photoshop, etc.
- Direct students to YouTube and similar to troubleshoot Photoshop techniques.
- Encourage them to take multiple pictures in different settings to see what combinations work best.
- Have students clean up the last few minutes of class.

DAY 5: Critique and Submission

- Have students wrap up editing and preparing their photographs for printing and digital submission.
- Submission options will vary. Select the one that makes the most sense to you. For this assignment, ideally, have students print their final photograph and hang them up to critique. Or have students drop their completed folders into a shared drive on your school's network. Or have students save them on a thumb drive to turn into you. Upload their pictures to your computer for grading. Or have students return their thumb drive to use on the next assignment. Or have students upload their photographs to a website such as Flickr. They can create a private profile used only for this class, or you can create a class profile and give them access to it.

...photos rely on order, and the main elements of composition are: line, color,

- If using Google Classroom and Adobe Spark have students post their final photograph to their Spark page, write their reflection, and share their assignment to the Google Classroom Light Box assignment. This is the most streamlined option.
- In order to submit their photographs they need to pick their favorite pictures to turn in, they are only required to turn in one but they can submit up to three.
 - If printing: Have students print their final photographs on photo paper. Walk them through the process of selecting the correct printer, sizing their image to their photo paper, and printing. Once they are printed, they need to mount them on poster board for the critique and submission.
 - If digitally submitting: Rename the pictures with the topic and save all their pictures in a folder titled Your Name-II Project. For the critique, have the students pull their photographs up on the computer.
- Halfway through class have students put up their photographs for a critique.
- Pass out the critique worksheet, explain the process:
 - They will fill out a worksheet to help guide them through looking at the artwork.
 - Once they complete their worksheet move into a verbal critique. Go through the questions, have students share comments, try to discuss every photograph.
- Check the artist research sheet and reflection for a participation grade and the photographs for a project grade.

LESSON PLAN:

BIG IDEA, ESSENTIAL QUESTIONS, US NATIONAL STANDARDS, STEP-BY-STEP INSTRUCTIONS

Combining Multiple Images

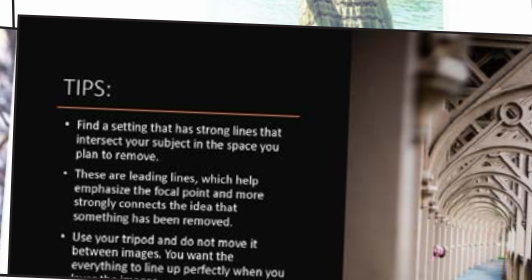
INVISIBILITY ILLUSION

INVISIBILITY ILLUSION

- By strategically using props, your setting, and properly setting up equipment, you can make a piece of your subject disappear!

INVISIBILITY ILLUSION

- Find a frame and a subject.
- Go outside and set your scene.
- Things to consider:
 - What type of frame are you using? Is it simple, elaborate, do you want to have a frame that is easy to see or one that blends in?



TIPS:

- Find a setting that has strong lines that intersect your subject in the space you plan to remove.
- These are leading lines, which help emphasize the focal point and more strongly connects the idea that something has been removed.
- Use your tripod and do not move it between images. You want the everything to line up perfectly when you

Consider your setting!

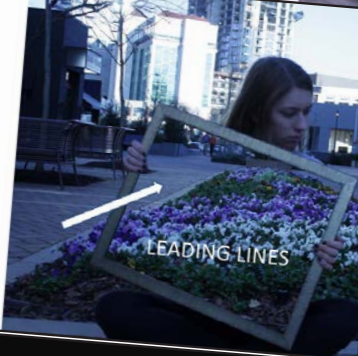


Consider your setting!

- The concept of having an invisibility frame in front of a wall of frames is very creative.
- BUT the invisibility frame gets lost in the busy background and you can't tell that the frame is showing the wall behind the figure.



LEADING LINES



Consider your setting!

- This background has leading lines, good repetition, use of color, and is interesting.
- The invisibility frame works well showing the focal point of the setting through the figure.



TRIPOD!

- Don't forget your tripod or find a stable place where your camera won't move.
- You want the same exact picture twice.



Your assignment...

- Capture 1-3 images that show part of subject disappearing.
- Use Photoshop to layer the two image together.
- Participate in a critique of the final photographs.

Your grade...

- 1-3 invisibility illusion photographs
- Relationship between the layered photographs: Everything lines up outside and inside the frame, the removed section blends into the added section.
- Setting: The setting is thought out, interesting, and suits the assignment well.
- Leading lines: Lines are used to emphasize the idea that what is removed is what is behind the subject, creating a hole through the subject.
- Subject positioning: The position of the subject is well thought out, frame placement was considered, the photographer thought creatively about their subject.
- Creativity
- Composition

PRESENTATION: PROJECT GUIDELINES, EXAMPLES, REQUIREMENTS, & GRADING DETAILS

ILLUSIONS

Artist Research

Check out work by Kevin Corrado here:

<https://www.pinterest.com/whitneywpanetta/look-kevin-corrado/>

Read about him here: <https://www.saatchiart.com/kevincorrado>

1. What is your first impression of Kevin's work?

2. Describe how he uses frames and mirrors in his work:

7. What can you use from Kevin's work to inspire ideas in your own photographs?

INVISIBILITY ILLUSION

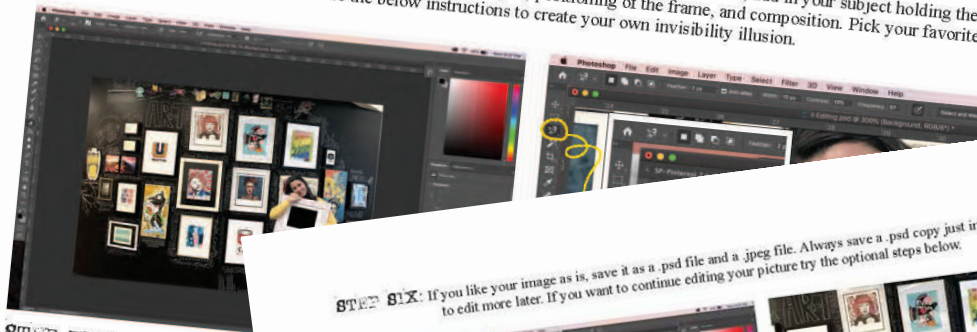
PHOTOSHOP MAGIC



INVISIBILITY ILLUSION

PHOTOSHOP HOW TO

STEP ONE: Using a DSLR camera, tripod, and empty frame take pictures to combine for your invisibility illusion project. Set the camera up on a tripod, take a picture of the setting. Without moving the camera, add in your subject holding the frame and capture the shot. Play around with your setting, subject, positioning of the frame, and composition. Pick your favorite pictures and use the below instructions to create your own invisibility illusion.



STEP TWO: Open your background and drop the picture with the figure. This will create "Layer 1."

GAUSSIAN BLUR



STEP SEVEN: To help your background layer stand out try adding a Gaussian blur filter. Select "filter" from the menu bar, "blur," then "Gaussian Blur" from the secondary menu. Slide the bar in the pop up window to make the layer more or less blurry. Make sure you have the background layer selected when you do this.



SUPPLIES:

- ipod
- DSLR Camera
- frame (or other props to create invisibility illusion)
- subject to include with the scene to create the illusion.

ASSIGNMENT DETAILS:

- Take at least two pictures of one setting. One picture of just your setting. The second picture should include your figure and the frame or other props to create your illusion.
- Try to take multiple picture sets in different settings. Some picture combinations will work

HANDOUTS:

PROJECT HANDOUT, ARTIST RESEARCH

Name: _____

INVISIBILITY ILLUSION CRITIQUE

Carefully look at each work of art. Pay attention to subject matter, focal point, composition elements of photography, concept, and the invisibility illusion the artist chose to express. Then answer the following questions:

1. Which photograph caught your attention first? Why?

Name: _____

6. Which photograph has the most interesting setting? Why?

Which photograph has the strongest composition? Why?

Do you think your photographs are successful? Why or why not?

What can you learn and apply to your own work of art by looking at these?

INVISIBILITY ILLUSION RUBRIC

Invisibility Illusion Picture (20): _____

Use of Photoshop (20): _____

Setting (10): _____

Leading Lines (10): _____

Concept (10): _____

Creativity (10): _____

Composition (10): _____

Effort (10): _____

TOTAL (100): _____

COMMENTS:

CRITIQUE & RUBRIC:

EXERCISE IN TALKING ABOUT ART & GRADING