

Wire Photo Holder/collage lesson
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Overview

This photography lesson allows students to get in touch with the artistic side of communication, while also exposing them to other skills such as measuring and using jigs. This lesson is a good mix of art and design maybe a little strong on the art side but it that is part of photography.

The students will use 14 gauge wire twisted into a holder for display of a 3 photo collage showing a theme of some sort. Examples are motion or a panoramic view. The wire is stuck into holes drilled in a piece of wood for a unique way to display the collage.

Enduring Results

Technology Literacy Standards and Benchmarks

1. Students will develop an understanding of and be able to select and use information and communication technologies.(standard #17)
 - a. Information and communication systems can be used to inform, persuade, entertain, control, manage and educate.(benchmark N)
2. Students will develop abilities to apply the design process. (standard#11)
 - a. Identify criteria and constraints and determine how these will affect the design process. (benchmark N)

Objectives

Upon completion of this unit, students will:

1. have used creative thinking skills to produce a collage of three pictures illustrating a panoramic view or motion.
2. have used problem solving to determine how much wire to use to make the desired shape and layout of the holder after bending and twisting the wire.
3. have made a holder out of wood and placed the holes correctly in order to have the wire in the right spot according to the design.

Teacher Preparation

1. A role of 14 gauge wire – it is a nice gauge to work with not too stiff not too soft. A 25' box of 14-2 house wiring wire works well.
2. Wire bending jig – I used doweling to wrap the wire around in a spiral. Different sizes can be used depending on how big or small you want your spirals to be.
3. Blocks of wood to be the bases for the collage. You could use anything else would support the weight and hold the wires.
4. A drill with a drill bit slightly smaller than the wire so the wire will pressure fit into the holes. (7/64")
5. Paint or wood stain
6. Pictures no bigger than 5x7 dry mounted on mat board.

Content Outline

- I. What is a collage/ montage?
 - a. collage -a series of pictures with a common theme
 - b. montage - multiple pictures superimposed over each other to make a single pictorial composition.
- II. What form do collages and montages take?
 - a. Many different forms
 - i. Several pictures individually
 - ii. Combined into one
 - iii. Multiple pictures combined to show one picture
 - iv. Many, other forms
- III. What is your assignment?
 - a. Roll a roll of 24 exposure 400 ISO film
 - I. Photo II students have the option of using digital pictures.
 - b. Take pictures with a theme in mind
 - c. You need three pictures per theme

Activities

Lesson Title: Wire theme display

Time: 6 periods

- I. Intro
- II. In classroom explain what a collage and a montage are and what they will be doing for this collage assignment.
- III. Show example book marked on pull-down screen
 - http://www.hgtv.com/hgtv/ah_organizing_photos/article/0,1801,HGTV_3139_1379738,00.html
 - show pictures of previous class examples
- IV. Show them an example of the type of display they will be making.
- V. Demonstrate how it is made (SAFETY GLASSES)
 - i. Cutting wire – use about twice the length you want the finished holder to be.
 - ii. Twisting it on the dowel
 - iii. Jig for forming the holder
 - iv. Drilling the holes, how to use the cordless drill
- VI. They will have to paint or stain their piece of wood the color they want.
- VII. Demonstrate paint booth operation, location of paint, etc.

Learning Activities:

- I. Students will take pictures for homework
- II. Each student will construct their own display and arrange the photos in a manner that shows motion or a panoramic view.

Photo II Collage Assignment

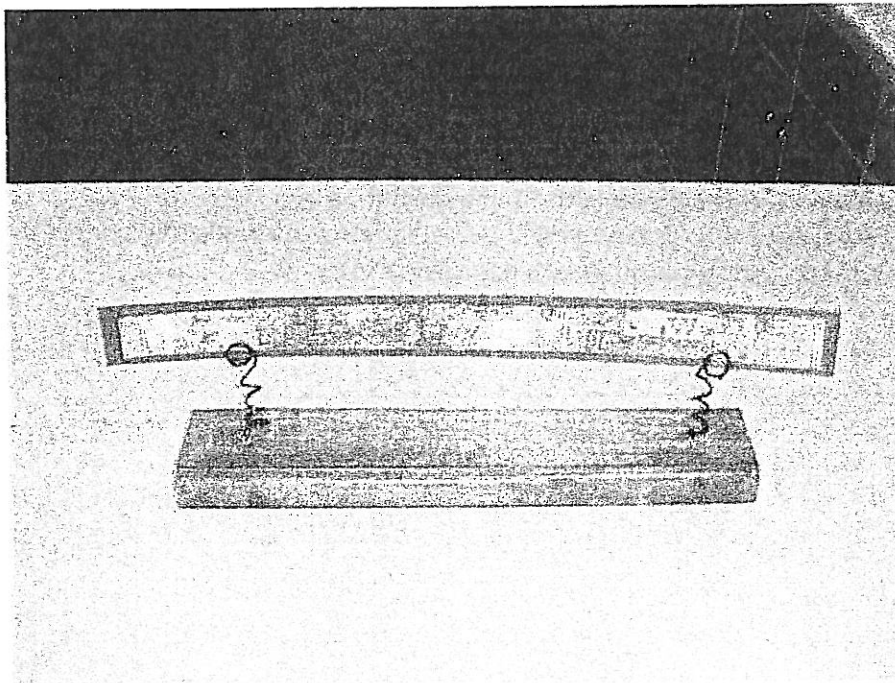
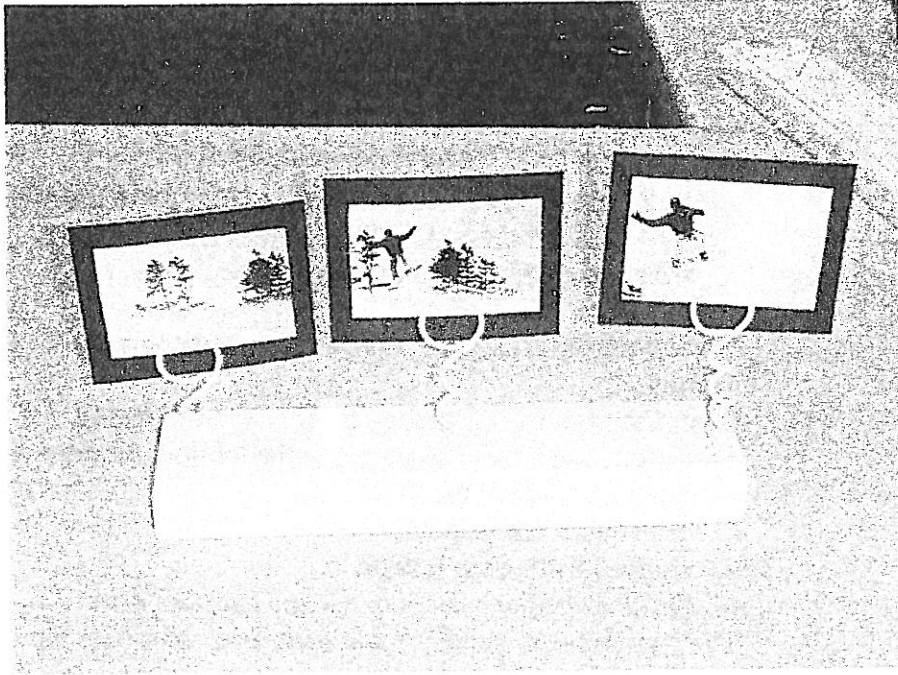
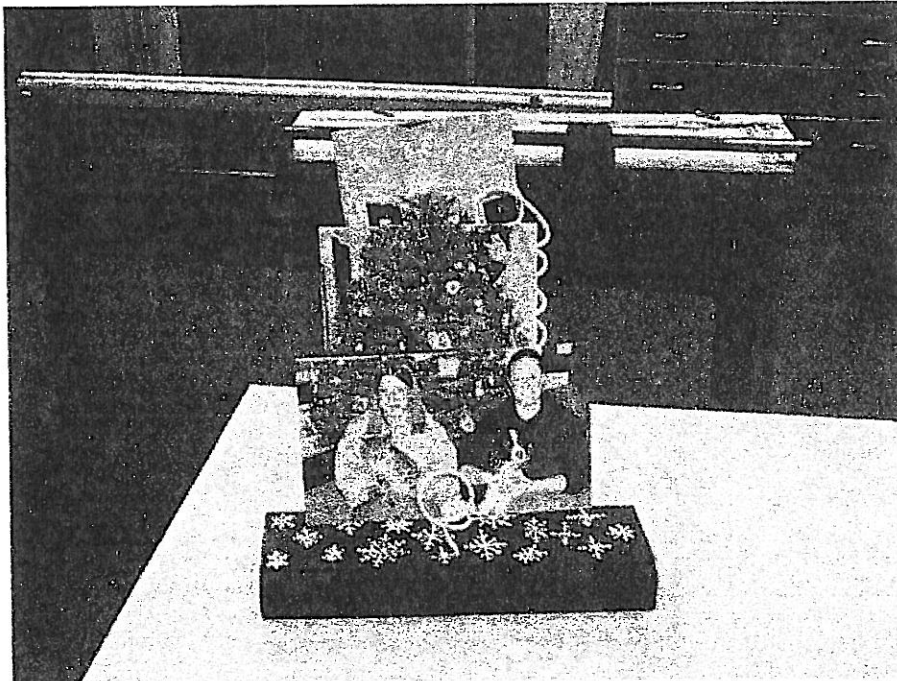
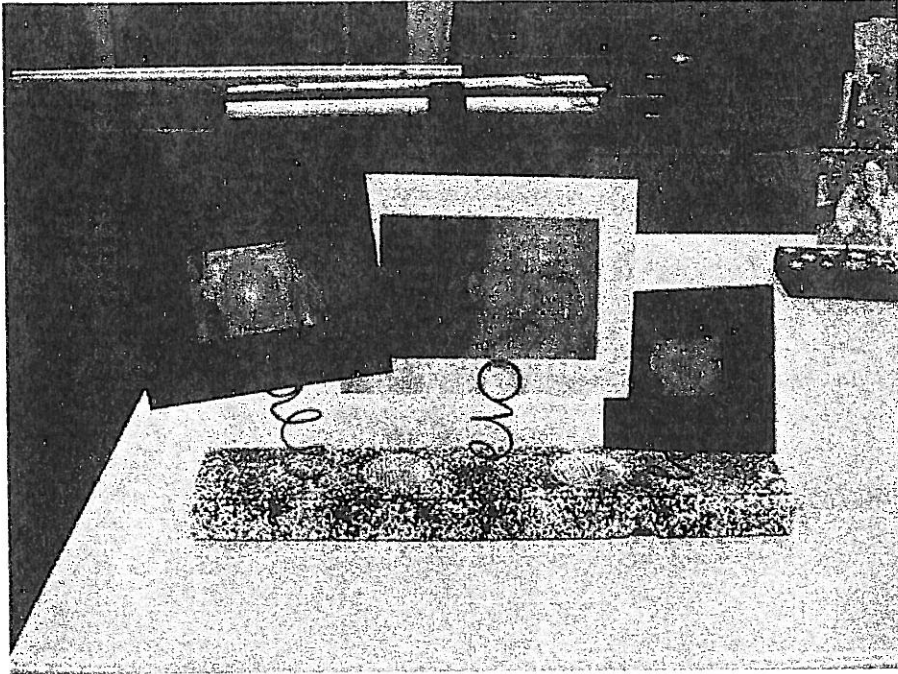


Photo II Collage Assignment



Assessment

The students' pictures will demonstrate their understanding of the concept of what a collage is.
They must meet the following criteria.

- each picture must be free of any dust marks or scratches(3pts/pic)
- pictures must be 5x7 or less(1pt/pic)
- all 3 pictures matted(2pts/pic)
- theme of panoramic or motion is evident(10 pts if evident – no points if theme not evident)
- the display has been painted or stained (5 pts if base is painted or stained, unfinished = 0 pts)
- the wires are wrapped tight enough to hold pictures in place (1 pt/ holder)

Grading Criteria:

Bring this sheet to the instructor with your finished project.

Name: _____

- | | |
|---|---------------|
| 1. Pictures are free of dust marks and fingerprints. (3pts/pic) | 0 3 6 9 |
| - 3 points for each picture | |
| - any dust marks or scratches = 0 | |
| 2. Pictures are no bigger than 5x7. (1 pt/pic) | 0 1 2 3 |
| 3. All three pictures have been matted. (2pt/pic) | 0 2 4 6 |
| 4. Theme of motion or panoramic evident. (0 or 10pt) | 0 10 |
| 5. Display painted or stained - (5pts) | 0 5 |
| 6. Wires wrapped tightly enough to hold pictures (1pt/wire) | 1 2 3 |

Total out of 26

Photo I

Collage Display Assignment

Directions:

For this assignment you will be required to create a collage of no less than three pictures incorporating one of two possible themes; **motion** or **panoramic**. The pictures will be displayed using the wire displays you will be constructing. This assignment is worth

Things to keep in mind:

- You will need a roll of 24 exp. 400 ISO film.
- Picture size should be 5x7 or less.
- You can be creative in your interpretation of the assignment
- You need at least three usable pictures for this assignment

Making the Display:

1. Cut the length of wire that you will need. (use a little less than twice the length you want the final length to be)
2. Using a razorblade, cut enough of the white jacket around the three wires until you can get a hold of the wires with a needle nose pliers to pull them out.
3. Use the jigs to bend the wires so they can be used to hold pictures.
 - a. Stick one end of the wire in the notch of the thick dowel
 - b. wrap the wire tightly around the thick dowel twice
 - c. next wrap long coils around the thin dowel
 - d. make the last 1-1 1/2" straight so you can stick it in the wood
4. Determine the length of 2x4 you want and tell the instructor.
4. Use the cordless drill to make your holes in the piece of wood wherever you want them to be. (be sure not to drill all the way through)
5. Once you have your holes drilled, you can paint or stain the piece of wood however you want it.
 - Do your painting and staining in the spray booth
 - Follow the directions on the can for painting or staining
 - Leave your wood in the spray booth to dry
6. Place your wire picture holders into the holes on your piece of wood when it has dried. Make adjustments as needed to wire holders.
7. Bring the finished display along with your grade sheet to the Instructor for grading.

Resources

Here are some sites with examples of wire photo holders they are easy to find if you just go to Google and search for wire photo/picture holders.

http://webstore.quiltropolis.net/stores_app/Browse_Item_Details_v2.asp?Store_id=413&page_id=23&Item_ID=1066

http://www.americanpuzzles.com/Merchant2/merchant.mv?Screen=PROD&Store_Code=AMANDIMA&Product_Code=QGgl568&Category_Code=BFRAM

<http://www.countrycharms00.us/Misc.html>

http://www.craftster.org/forum/index.php?topic=6309.0;prev_next=prev

About the Author

My name is Rustin Chute I am a first year teacher at Wonewoc-Center Schools. The Tech. Ed. Program here was fairly non-existent, so it has been interesting starting pretty much from scratch. My biggest accomplishment will be getting through this first year and trying to bring an old outdated program up to speed as much as possible.

