

Lesson Title: Riveting Pendant

Goals and Objectives:

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- The students will create a piece of jewelry using cold connect methods, such as riveting.
- The students will use at least 2 layers in said piece of jewelry.

Objectives:

- The students will evaluate their choices of compositional elements in terms of how those choices affect the subject matter of the work.
 - o Academic Content Area Creative Expression and Communication 10.2
- The students will understand how the structure and composition of an art form relate to its purpose.
 - o Academic Content Area Analyzing and Responding 10.3

Materials:

- Sheet metals
- Drill Press
- Wire/Tubing
- Steel Plate
- Rounded edge hammer
- Any other materials the students bring in to make their pendant

Methods and Activities:

Day One (January 28)

- I will assign the students 6 sketches for possible riveting projects.

Day Two (February 4)

- I will assign the students to draw the sketch they liked the best, to scale, showing each individual layer and how it will be layered together.

Day Three (February 11)

- I will give the students the packet of information on riveting and go over their assignment with them.
- They will have the remaining time to gather their materials and get everything prepared to cut/rivet.

Day Four – Seven (February 12 – 15)

- The students will begin working on cutting out the layers of their project
- They will mark where their rivets will go in each layer.

Day Eight – Eleven (February 19-22)

- I will give a demonstration on riveting for the students
- They will begin/finish riveting their piece of jewelry using the methods I taught
- The Jewelry will be due February 22 by the end of class.

Assessment:

Pre:

- The students will participate in a discussion where we go over the steps to riveting.

- The students will create several sketches and choose one to make a detailed plan for their piece of jewelry – to scale – demonstrating an understanding of how riveting works aesthetically.

Formative:

- The students will work for 2 weeks to create their piece of jewelry using information gathered in the aforementioned discussion as well as in the handout, and in personal discussions with myself.

Post:

- The students will turn in their jewelry, which will be graded based on the rubric and limits of the assignment.

Additional Materials and Rubric:

Riveting/Cold Connect	Points out of 20	Comments
Follow through with Plan: Is the students addressing the problem posed? Did they develop and follow through with their sketch?		
Layering: Are there at least 2 layers? Are they visible? Did the student Rivet them correctly?		
Craftsmanship: Is the work appropriate to the style? Attention to detail? Are the rivets and edges neat?		
Work Habits: efficient use of time, asking questions and recording thoughts. Experimenting.		
Design: 9 elements		
Total:	/100	

Pendant/Earring/Pin

Joining without solder

Required:

- Create a Pendant/Earring/Pin from sheet metal using 2 or more layers.
- Create a drawing and find measurements that are to be approved by the teacher. Students must have at least 3 good ideas before beginning final drawing.
- The Pendant/Earring/Pin layers must be joined together by means other than soldering.
- All seams need to be clean and look professional.
- Everything needs to be polished or finished in a way approved by the teacher before work will even be accepted.

Think!

- About how the layers will work with each other.
- How to incorporate riveting, stapling, or screws into your design.
- What is esthetically pleasing?
- What you or someone else will wear.
- Outside the box!!