

Subject Area/ Topic: Fine Metals/Square sculpture

SLO/Expectations: To create a three-dimensional free standing sculpture by using design and annealing techniques learned in class.

Standards: **9.1.12** H. Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.

Learning Activities or Tasks:

Students will be taught how to anneal in small groups, covering what annealing does to the metal and how working with the metal affects its ability to be formed. Students will begin their 7 sketches of a square with only cuts coming in from the outside-while insuring the piece remains intact (ie. does not end up 2 or more pieces of metal). Students will then cut out top three designs in paper to ensure the design will work and practice how it can be formed.

Students will submit all sketches on GoogleClassroom. Once sketch is discussed, students will begin their work in metal.

Students will take a review quiz to ensure they understand how to use the torch to anneal. Students must achieve 90% in order to anneal. Once their project is annealed a patina can be applied.

Once completed, students will photograph their work, submiting photo with self-assessed rubric.

Assessment: Students will be assessed based on the following:

Questioning before beginning & during project

Observations of students working

Conferencing with students during project

Student participation and discussion interjected in activities during the project

Self-Assessed rubric with written reflection