

High School Metal Arts

This is a full year class designed to introduce students to fundamental understanding of the techniques and tools for working with a variety of fine metals. The primary focus of this course is on student created jewelry and small-scale sculptures. The projects allow for a wide range of interpretations while stressing craftsmanship and integrity of design. Students are taught a fundamental artistic vocabulary that they are expected to use when discussing their artwork. A safe and respectful studio environment is maintained so that all students are given an opportunity to explore their design ideas.

Learning opportunities

Introduction and course expectations; full class demonstrations; one on one teacher / student design discussions; peer tutoring; exemplars of high quality student work; practice time for skill development; extended and culminating projects; handouts; books; Internet research for images and ideas

Standards

Vital Results: Communication

Expression

- 1.16 Artistic dimensions: Students use a variety of forms, such as dance, music, theater, **visual arts**, to create projects that are appropriate in terms of the following dimensions:
- *Skill development* (Projects exhibit elements and techniques of the art form, including expression, that are appropriate to the intent of the product or performance.)
 - *Reflection and critique* (Students improve upon products through self-reflection and outside critique, using detailed comments that employ the technical vocabulary of the art form.
 - *Making connections* (Students relate various types of arts knowledge and skills within and across the disciplines.
 - *Approach to work* (Students safely approach their media, solve technical problems as they arise, and creatively generate ideas)

(National Standards: *Art as Language*)

Fields of Knowledge: Arts, Language, Literature

Artistic Process

- 5.22 Intent: Students convey artistic intent from creator to viewer or listener
(National Standards: *Aesthetics and Art Appreciation*)
- 5.23 Critique: Students critique their own and others' works in progress, both individually and in groups, to improve upon intent. (National Standards: *Aesthetics and Art Appreciation*)
- 5.24 Artistic Problem Solving: Students solve visual, spatial, kinesthetic, aural, and other problems in the arts. (National Standards: *Aesthetics and Art Appreciation*)
- 5.25 Exemplary Works: Students demonstrate knowledge of exemplary works in the arts from a variety of cultures and historical periods. (National Standards: *Aesthetics and Art Appreciation; Multicultural Perspectives*)
- 5.27 Perspectives: Students combine perspectives to develop and present basic analysis of works in the arts, and they convey the ability to evaluate work in the various arts disciplines (National Standards: *Art as language; Multicultural perspectives*)

Elements, Forms, Techniques in the Arts

- 5.28 Artistic proficiency: Students use art forms to communicate, showing
the ability to define and solve artistic problems with insight, reason, and technical proficiency (National Standards: *Concepts and Skills; Art as Language*)
- 5.29 Visual Arts: Students use the elements and principles of two- and three-dimensional design in the visual arts, including line, color, shape, and texture, in creating, viewing and critiquing. (National Standards: *Elements and Principles*)

Content Knowledge and Skills

- Safety procedures
- Proper tool use
- Design conceptualization
- Drawing
- Metal forming techniques (cutting, bending, pounding)

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- Soldering
- Jewelry objects
- Sculptural forms
- Finishing (filling, sanding, polishing)
- Studio maintenance

Assessment criteria

Content and skills:

Students are able to:

- *conceive of, and design individual responses to a wide variety of artistic assignments using fine metals*
- *fabricate artwork*
- *evaluate personal growth*
- *demonstrate appropriate respect for the studio and fellow classmates*

Elements and Principles:

Students are able to:

- *demonstrate conceptual understanding and use of the formal elements and principles of design*
- *apply formal understanding to the fabrication of personal artwork*

Art as Language:

Students are able to:

- *design and fabricate artwork that uses visual language to express and communicate their ideas and emotions*

Aesthetics and Art Appreciation:

Students are able to:

- *formulate and express an informed interpretation of artwork and its value both personally and culturally*
- *critique artwork with confidence*

June 2004

Multicultural Perspectives:

Students are able to:

- *express an informed personal response to the art of other cultures and time periods*

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Resources