Unit 2: Exploring Materials, Tools, and Techniques

Content Area: **Arts**
Course(s):
Time Period: **Generic Time Period**
Length: **Semester**
Status: **Published**

Standards

1.5.12prof.Cr	Creating
1.5.12prof.Cr1	Generating and conceptualizing ideas.
1.5.12acc.Cr2a	Through experimentation, practice and persistence, demonstrate acquisition of skills and knowledge in a chosen art form.
1.5.12prof.Cr2b	Explain how traditional and non-traditional materials may impact human health and the environment, and demonstrate safe handling of materials, tools and equipment.
1.5.12acc.Cr3a	Engage in constructive critique with peers, then reflect on, re-engage, revise, and refine works of art and design in response to personal artistic vision.
1.5.12prof.Cr3a	Apply relevant criteria from traditional and contemporary cultural contexts to examine, reflect on and plan revisions for works of art and design in progress.
1.5.12prof.Pr4	Selecting, analyzing, and interpreting work.
1.5.12acc.Pr4a	Analyze, select and critique personal artwork for a collection or portfolio presentation.
1.5.12prof.Pr6	Conveying meaning through art.
1.5.12prof.Cn10a	Document the process of developing ideas from early stages to fully elaborated ideas.

Enduring Understandings

1. Jewelry, crafted from materials like beads, metal, and wire, serves as an expressive medium with a global history, continually benefiting from technological advancements.
2. The symbolic meaning of jewelry is dynamic, dependent on its material, society, culture, and historical context.
3. Critiques enhance our understanding of an artist's intent and the inherent message within a piece of jewelry.

Essential Questions

1. How do artists express ideas through jewelry, manipulating materials with the Elements of Art and Principles of Design to create three-dimensional, wearable forms?
2. How do material choices, tools, and techniques fundamentally alter the creation and final appearance of a piece of jewelry?
3. How do critiques illuminate artistic intent and the cultural significance of jewelry across different societies and eras?

Knowledge and Skills

Beads & String- Students will be able to:

- Apply the Elements of Art and Principles of Design to their artwork by creating compositionally interesting and unique jewelry pieces.
- Promote artistic growth and honing of skills through the exploration of different beading and stringing techniques.
- Understand the symbolism of beads across cultures and societies.
- Research and discuss the advantages of one material over another when it comes to beads and string.
- Understand the safety precautions necessary when using tools for beading.
- Advocate for the importance of craftsmanship by keeping beading cohesive, string untangled, and knots neat.
- Constructively critique their artwork as well as the work of their peers throughout the creative process.
- Adapt to unforeseen changes during the creative process and overcome challenges through perseverance or pivoting.
- Create finished pieces of wearable jewelry by following all project and studio guidelines.

Metal & Wire- Students will be able to:

- Apply the Elements of Art and Principles of Design to their artwork by creating compositionally interesting and unique jewelry pieces.
- Advocate for the importance of craftsmanship by keeping wire unkinked, shapes defined, burrs filed, and saw lines smooth.
- Understand the historical use of different metals and wire in jewelry and ornamentation across cultures and time.
- Enumerate safety rules when using tools and machinery for metal and wire.
- Follow the proper order of operations when filing, sanding, and polishing sheet metal.
- Adapt to unforeseen changes during the creative process and overcome challenges through perseverance or pivoting.
- Constructively critique their own artwork as well as the work of their peers to promote growth as an artist.
- Produce wearable pieces of art using a variety of wire manipulation techniques such as bending, wrapping, and hammering.
- Create a unique design using metal working techniques such as a repoussé, forging, and cold

connections.

Transfer Goals

1. Students will independently create meaningful and aesthetically informed wearable art, applying the Elements of Art and Principles of Design with various materials, tools, and techniques.
2. Students will critique works of art to deepen their understanding of artistic intent and reflect on their own creative process.

Resources & Materials

- Textbook: The Jeweler's Art - A Multimedia Approach by Alice Sprintzen
- Visuals: Photos of exemplary jewelry pieces by prominent artists across cultures and time periods
- Samples: Physical jewelry pieces crafted by instructors and students
- Planning Materials: Google Docs, worksheets, sketches, etc.
- Jewelry Materials: Glass beads, paper, fiber, sheet metal, wire, polymer clay, chains, findings, etc.
- Tools: Pliers, saw, bench pin, mandrel, files, sandpaper, buffing machines, etc.
- Presentations: Google Slides on history, techniques, and exemplary artists & jewelers
- Assessments: Self-assessments and group critiques
- Portfolio: Google Sites for documenting work

Modifications

Modifications

Assessments

Assessments