

First Quarter	Second Quarter
<p>Jewelry Overview</p> <ul style="list-style-type: none"> • Functional, wearable sculpture • Metals – understanding the physical properties of copper, brass, and silver; work harden vs. annealing • Safety, rules, work space expectations <p>Wire Basics & Cold Connection Techniques</p> <ul style="list-style-type: none"> • Introduction to tools & equipment: 3-piece plier set, various gauge wire, chasing hammer, steel block, bench-pin set-up • Cold connection <u>prototypes</u>. Create one of each: wire link, beaded wire link, head pin, rivet, jump rings, clasp, hammered link, wig-jig, beading techniques <p>Wire Link Bracelet or Necklace</p> <ul style="list-style-type: none"> • 18 g. wire links, beaded wire links, handmade clasp • Cold connection techniques • Line, pattern, repetition, movement <p>Sheet Metal Basics – Bracelet</p> <ul style="list-style-type: none"> • Introduction to: Jeweler's saw frame, bench-pin, Dremel • Cutting, finishing metal, hammering • Design sheet metal shapes, jump rings, handmade clasp using basic cold connection techniques • Metal finishing (filing, sanding, polishing, texture, patina) <p>Illustrations – created for each project, drawn to scale on graph paper with detailed captions (dimensions, materials, metal type, etc.)</p> <p>Critique – group discuss and modeling jewelry for functionality after the completion of each project.</p>	<p>Enameling</p> <ul style="list-style-type: none"> • Epoxy resin, pigment, cloisonne, micro-mosaic additions • Applied to a finished piece of sheet metal (pendant or charm, component) • Color theory, color blending techniques, shape, imagery, pattern • Sheet metal, earring forms (ear wire styles, cold connections, movement) or pendant focal point <p>Rings</p> <ul style="list-style-type: none"> • Introduction to ring mandrel, raw hide mallet, hammering, finger sizing • Wire wrapping techniques, sheet metal shank, beading, cabochon stone setting • Focal point, symmetry, color <p>Jewelry Set – Final Project</p> <ul style="list-style-type: none"> • Two matching pieces formed with cold connection techniques, wire, sheet metal, found objects, enameling • Idea development based on a specific concept, cultural reference, art movement or trend (planned out illustration with proper research) • Matching forms, colors, surface textures, design motifs <p>Illustrations – created for each project, drawn to scale on graph paper with detailed captions (dimensions, materials, metal type, etc.)</p> <p>Critique – group discuss and model jewelry for functionality after the completion of each project.</p>

Student Skills and Abilities

After the completion of Jewelry, students will be able to:

1. Design and create a piece of jewelry that is both functional and aesthetic.
2. Create original designs of bracelets, earrings and necklaces using cold connection metal techniques.
3. Turn a raw piece of metal into a fully finished metal component.
4. Develop ideas using historical research and color illustrations prior to fabrication.
5. Create a custom piece of jewelry with specific dimensions using proper measuring.