

| First Quarter   | Second Quarter   |
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| <p><b>Jewelry Overview</b></p> <ul style="list-style-type: none"> <li>• Functional, wearable sculpture</li> <li>• Metals – understanding the physical properties of copper, brass, and silver; work harden vs. annealing</li> <li>• Safety, rules, work space expectations</li> </ul> <p><b>Wire Basics &amp; Cold Connection Techniques</b></p> <ul style="list-style-type: none"> <li>• Introduction to tools &amp; equipment: 3-piece plier set, various gauge wire, chasing hammer, steel block, bench-pin set-up</li> <li>• 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</li> </ul> <p><b>Wire Link Bracelet or Necklace</b></p> <ul style="list-style-type: none"> <li>• 18 g. wire links, beaded wire links, handmade clasp</li> <li>• Cold connection techniques</li> <li>• Line, pattern, repetition, movement</li> </ul> <p><b>Sheet Metal Basics – Bracelet</b></p> <ul style="list-style-type: none"> <li>• Introduction to: Jeweler’s saw frame, bench-pin, Dremel</li> <li>• Cutting, finishing metal, hammering</li> <li>• Design sheet metal shapes, jump rings, handmade clasp using basic cold connection techniques</li> <li>• Metal finishing (filing, sanding, polishing, texture, patina)</li> </ul> <p><b>Earrings</b></p> <ul style="list-style-type: none"> <li>• Ear-wire styles and various cold connection techniques</li> <li>• Concept: create two sets of earrings with opposing qualities</li> <li>• Shape, movement, line, pattern, form, contrast</li> </ul> <p><b>Illustrations</b> – created for each project, drawn to scale on graph paper with detailed captions (dimensions, materials, metal type, etc.)</p> <p><b>Critique</b> – group discuss and modeling jewelry for functionality after the completion of each project.</p> | <p><b>Enameling</b></p> <ul style="list-style-type: none"> <li>• Epoxy resin, pigment, cloisonne, micro-mosaic additions</li> <li>• Applied to a finished piece of sheet metal (pendant or charm, component)</li> <li>• Color theory, color blending techniques, shape, imagery, pattern</li> </ul> <p><b>Rings</b></p> <ul style="list-style-type: none"> <li>• Introduction to ring mandrel, raw hide mallet, hammering, finger sizing, stone wrapping</li> <li>• Wire wrapping techniques, sheet metal shank, beading, cabochon stone setting</li> <li>• Focal point, symmetry, color</li> </ul> <p><b>Pendant Focal Piece</b></p> <ul style="list-style-type: none"> <li>• Concept: <i>creating emphasis</i></li> <li>• Scale, placement, proportion</li> <li>• Exploring polymer clay techniques, beading, re-purposed/found materials, sheet metal, various cold connection techniques</li> <li>• Suspended on chain, chord, natural fiber</li> </ul> <p><b>Jewelry Set – Final Project</b></p> <ul style="list-style-type: none"> <li>• Two matching pieces formed with cold connection techniques, wire, sheet metal, found objects, enameling</li> <li>• Idea development based on a specific concept, cultural reference, art movement or trend (planned out illustration with proper research)</li> <li>• Matching forms, colors, surface textures, design motifs</li> </ul> <p>I</p> <p><b>Illustrations</b> – created for each project, drawn to scale on graph paper with detailed captions (dimensions, materials, metal type, etc.)</p> <p><b>Critique</b> – 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.