

Silversmithing for 9-12 Year Olds

Introduction to Jewelry Design

- Brief overview of History of Jewelry, styles, materials
- Show Examples
- Setup small library of books, magazines
- Show personal designs from sketches, selection, and graph paper version.
- Assignment: Draw several versions of band rings, select best, refine on graph paper

Sizing a Ring

- Ring sizers, Formulas for determining size of metal
- Metal gauges for determining thickness of metal

Beginning a Project

- Layout on metal
- How to use a jeweler's saw
- How and when to use jeweler's files, cleaning them.
- Flat files

Preparing Piece for Soldering

- Cleaning metal
- Flux and Papillions (solder)

Soldering

- Torch tip
- Lighting the torch
- Process of heating piece
- Pickling

Polishing Piece/Antiquing Piece

- Hand work
- Flexible Shaft
- Wheel
- Apply antiquing if desired

I like to demonstrate each process before the class begins.