

Program Name: Ring or Pendant Construction

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Artist: Bill Hargraves

## Special Requirements:

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(3-5 day residency ONLY) Sink, buffing machine; \$5 materials fee per student. Artist will provide materials

## Special Points of Interest:

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It wasn't until the 1930s that jewelers learned how Etruscans, 2600 years ago, were able to granulate gold without distortion

This program works best as a residency.



## Workshop Description

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**45-Minute Lecture and Demonstration:** Bill Hargraves' workshop includes a presentation of his work, discussion about jewelry design, and a demonstration of techniques used.

As Bill constructs a piece of jewelry in class, students will see that jewelry making incorporates many of the art techniques with which they may already be familiar. These include techniques found in sculpting, painting, drawing, sketching, ceramics, and carving.

Bill will show the participants various gemstones, explain why sterling silver is used for jewelry, and help students

become more informed jewelry buyers.

**3-5 Day Residency:** Bill expands upon his one-day, 45-minute lecture and demonstration with an explanation of various jewelry designs.

Bill continues the residency with a discussion of the tools of the trade and their use, safety precautions, stone selection, and

## Educational Objectives & Standards

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### Students will:

- Explore jewelry making as one of the oldest art forms
- Experiment with turning a one-dimensional drawing into a three-dimensional art piece

### Behavioral Standards

- Knows how a culture's art works and artifacts reflect its values and beliefs
- ### Mathematics
- Knows basic geometric language for describing and naming shapes

## Artist Bio: Bill Hargraves

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Bill Hargraves is an award-winning silversmith whose designs and jewelry can be seen throughout the United States, Canada, and Europe.

Bill has designed jewelry for a wide clientele, including former President and Mrs. Reagan. He digs for, cuts, polishes, and sets many of his own stones.

Bill's designs are creative and

varied, each taking into account the stone or material being displayed and the function of the piece.

Bill has conducted residencies and workshops for Young Audiences since 1984. He enjoys sharing with students the joy and pride one feels when creating a beautiful piece of jewelry from only a few basic raw materials.

## List of Resources:

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### Books:

Jewelry Making and Design: An Illustrated Textbook for Teachers, Students of Design and Craft Workers  
by Augustus Foster Rose  
Peter Smith Pub; (June 1967)  
ASIN: 0844628298

Basic Jewelry Making Techniques  
by Susan Tolland, Jinks McGrath  
Book Sales; (September 1993)  
ASIN: 1555219047

The Encyclopedia of Jewelry-Making Techniques: A Comprehensive Visual Guide to Traditional and Contemporary Techniques  
by Jinks McGrath  
Running Press; (June 2003)  
ISBN: 1561385263

Contact KCYA for more information about this and other programs

816.531.4022  
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## Vocabulary

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**Annealing:** the heat treating (softening) of metal after it has been work-hardened with steel tools, and is necessary between raising and forging stages

**Chasing:** the technique of detailing the front surface of a metal article with various hammer-struck punches

**Electroplating:** method of covering objects with layers of metal

**Fabrication:** the assembly of several parts

**Firescale:** a purple stain that develops in sterling when oxygen penetrates the outer surface of an object during brazing, oxidizing the copper content

**Silversmith:** one who fashions silver objects and wrought items, such as forged flatware

**Soldering:** procedure for binding two metal parts

## Post-Workshop Activities

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1. Ask the students about family jewelry and the history behind the various items.
2. Discuss famous jewelry designers and eras that are known for jewelry, particularly Art Nouveau and Egyptian.
3. Continue sketching designs for jewelry, but create them with other mediums such as the computer, clay, or "junk" sculpture.
4. Ask the students to bring in jewelry pieces that are important to them.
5. Discuss jewelry in today's terms. How do we adorn ourselves and with what objects?