

# Kansas City Young Audiences

## Teacher Program Guide

### Ring or Pendant Construction

Artist: Bill Hargraves

### Workshop Description

#### Inside this guide:

Workshop  
Description

Educational

Artist Bio

Vocabulary

List of Resources

Post-Workshop  
Activities

Contact KCYA for  
more information on  
this and other  
programs.

816-531-4022  
[www.kcya.org](http://www.kcya.org)

**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 project preparation. He also demonstrates the fundamentals of soldering and finishing techniques. Students are encouraged to create several designs during the workshop.

Bill helps participants modify and improve their designs as the students complete their jewelry projects during the remainder of the residency.



### Educational Objectives and Standards

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

#### Special Points of Interest:

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

#### Special REQUIREMENTS:

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

Artist will provide materials

## Artist Bio: Bill Hargraves

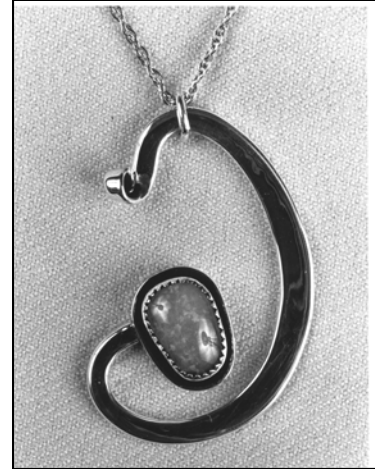
Bill Hargraves is an award-winning silversmith whose designs and jewelry can be seen throughout the United States, Canada, and Europe.

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.



Pendant by Bill Hargraves

## Vocabulary

**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

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?

## List of Resources

### 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

