

WATER STREET GLASSWORKS SPRING 2019 HOME SCHOOL CLASSES

Kiln-Fused Glass

Thursdays, January 17 – March 7 (8 weeks) 1:00 – 3:00pm

Bring your imagination and sketchbook and learn the fundamentals of kiln-fused glass. Focus will center on learning color theory, design considerations and vocabulary. Theory includes some glass science as well as physics! Physical skills will include safe handling of materials and proper use of tools. This class may be repeated; skills will be built upon.

NO EXPERIENCE REQUIRED. Personal non-family recommendation letter and student interest statement required for new students.

\$300. Maximum Enrollment: 8 Minimum age: 12 Bring a sketchbook. All other materials included.

Week 1--How glass is made, color theory and design, examples in glass

Week 2--Tool usage, safety techniques and beginning assembly

Week 3--Finish beginning project. Explain kiln use and purpose; demonstrate use of frit and other "specialty" materials

Week 4--Working from sketch: begin second project

Week 5--Assemble second project

Week 6--Complete second project

Week 7--Prepare for exhibit and explain exhibit fundamentals or finished final project

A pre- and post- evaluation will be provided by the instructor.

Instructor:

Glass Beadmaking

Thursdays, January 17 – March 7 (8 weeks) 1:00 – 3:00pm

Learn how to make glass beads with rods of colored glass and a tabletop torch. Safely shape and mold the glass into different shapes while learning the fundamental physics of working with molten glass. You'll make enough beads to turn into a necklace by the end of class. Physical skills will include safe handling of materials, proper use of tools and fine motor skills. This class may be repeated; skills will be built upon.

NO EXPERIENCE REQUIRED. Personal non-family recommendation letter and student interest statement required for new students.

\$300. Maximum enrollment: 8 Minimum age: 12 All materials included.

Week 1--Lesson will include overview and discussion of the glass beadmaking process.

- o Learn about different types of glass and C.O.E.
- o Studio rules and safety
- o Introduction to the torch and workstation tools
- o Following demonstration students will melt glass and observe how it behaves
- o Following demonstration students will learn to pull stringer
- o Following demonstration students will make a bead

Week 2--Following a brief review of safety procedures and torch lighting, Instructor will demonstrate pulling stringer and the process of laying a good foundation of glass on the mandrel to achieve a well shaped base bead. The dot embellishment will be demonstrated. Students will work on the torches to practice their skills.

Week 3--Brief review followed by demonstration by instructor. Using the dot embellishment in a variety of ways to achieve a variety of different looks, including the Harlequin style bead as well as stacked, layered, poked, twisted, etc. Students will practice this skill on the torches.

Week 4--Brief review followed by demonstration by instructor. Students will learn how to decorate their beads with stringers, including wrapping the bead, and making swirls.

Week 5--Brief review followed by demonstration by instructor. Students will learn to shape their beads in a variety of ways, including pressing and shaping with various tools. Students will practice this skill on the torches.

Week 6--Students will build on the skills from previous classes.

Week 7--Students will work on the torches and demonstrate to the instructor that they can make a well-shaped base bead. The last part of class will be spent completing a necklace with some or all of the beads created during the course of this class.

A pre- and post-test will be provided by the instructor.

Instructor: Gina Edwards

Gina has been melting glass and creating beads for over 15 years. She has a relaxed teaching style and encourages creativity and experimentation in her students. She currently teaches beadmaking classes at Water Street Glassworks as well as in her own studio. Gina works with soda lime glass (soft glass) as well as borosilicate glass and teaches classes

on the hot head and Minor torches. Gina creates jewelry from her glass beads, lending a practical aspect to the glasswork done on the torch.

Introduction to Glassblowing

Thursdays, January 17 – February 7 (4 weeks) 10:00am – 2:00pm

This four-week class is designed to introduce the novice to the medium of glass as a material for creating art and crafts. Students will learn how to use the methods and processes of glassblowing to safely shape molten glass into vessels and sculptural artworks. The class will begin learning with exercises and move into making paperweights, cups and flowers. This class will serve as a prerequisite for further classes in glassblowing.

NO EXPERIENCE REQUIRED. Personal non-family recommendation letter and student interest statement required.

\$350. Maximum enrollment: 4 Minimum age: 15 All materials included. Bring a lunch

Week 1--Safety exercises, lecture on glass properties, tool use, teamwork and gathering exercises. Projects teaching tool use are: the paperweight and 'caterpillar' exercise.

Week 2--Steps in making a clear drinking glass, and practicing the teamwork necessary to help make a glass and transfer ('punty up') the glass. Learning how to use the lapidary grinder to flatten a base of a glass or paperweight and a sandblaster for added surface design.

Week 3--Surface techniques on clear glass: bubbles, crackle.

Week 4—Use optical molds for making ribs on a blown piece.

A pre- and post-test will be provided by the instructor.

Instructor: Eli Zilke

Intermediate Glassblowing

Thursdays, February 14 – March 14 (4 weeks) 10:00am – 2:00pm

Continue your glassblowing experience by further developing the skills and techniques learned in the Introduction class. Class will cover manipulating molten glass into desired shapes and ending with an introduction to color.

PREREQUISITE: Introduction to Glassblowing

\$350 Maximum enrollment: 4 Minimum age: 15 All materials included. Bring a lunch

Instructor: Eli Zilke

Introduction to Artistic Welding

Thursdays, January 17 – February 7 (4 weeks) 10:00am – 2:00pm

This four-week introduction to artistic welding and metalworking includes safety in the studio and how to handle the tools in order to cut, bend, hammer and weld steel to create metal artwork. As a bonus, students will learn to use the plasma cutter to enhance their projects. Bring your imagination and sketchbook to spend 4 weeks with Josh Andres, Water Street Glassworks' welding instructor and professional metal artist. This class may be repeated.

NO EXPERIENCE NECESSARY Personal non-family recommendation letter and student interest statement required for new students.

\$425. Maximum enrollment: 4 Minimum age: 15 All materials included. Bring a lunch.

A pre- and post- evaluation will be provided by the instructor.

Instructor: