

A71 - All Fired Up: Discovering Fire with the Micro-Torch

Instructor: Sara Rashkin

** Please see the supplies note at the end of this list!*

Tools

- MicroTorch – handheld torch that takes butane gas and reaches 2370° F or higher (*also the kind of torch used to make crème brulee, sometimes called a crème brulee torch; your choice of torch, some popular brands are Blazer, Excel, and Bernzomatic, among others – if you already have a larger type of torch you would like to use in the class, bring it in and we'll review on the first day*)
- Butane gas to fill your torch (comes in small canisters with universal fueling tip to fit your torches, available at your local Home Depot)
- Charcoal soldering block, 5 1/2" x 2 3/4" x 1 3/16"
- Cross lock tweezers with fiber grips
- AA tweezers
- Soldering pick
- Joyce Chen scissors (these are chef scissors but great for cutting metal!)
- Set of #2 needle files

**Additional tools will be available for use in class*

Materials

- Easy, medium, and hard silver wire solder – 1 foot or more of each density
- Sterling silver round wire, dead soft, 20 gauge – 4 feet
- Sterling silver round wire, dead soft, 16 gauge – 1 foot
- Copper round wire, dead soft, 20 gauge – 4 feet
- Paste Flux (*recommended brand – Handy Flux*)
- 20 gauge copper and/or silver sheet metal – 4" x 2" or larger

**You may wish to use additional materials to try variations/embellish or expand your projects. We will discuss these options in class. However, you will be able to learn all the techniques and complete the projects using only these materials.*

Suppliers

You can purchase these tools and materials online or at local retailers. Some suggested sources:

- Ackley's Rocks (tools and materials)
3230 North Stone Avenue
719-633-1153
- Home Depot (butane gas)
- Beaducation.com (torch and other tools)
- Riogrande.com (tools and materials)
- Metalliferous.com (tools and materials)

212-944-0909

- Amazon.com (torch, Joyce Chen scissors and other tools)

NOTE: *Ackley's is a small local retailer, they carry many of the tools and materials on this list, but at any given time they may need to reorder some items for you so please allow time for them to restock. Ordering online, you will be able to find all of these items, but will need to allow time for delivery. You will find these supplies available in a range of prices, so you may need to order from multiple suppliers if finding the very best price is important to you. Metalliferous has everything on this list (except the butane gas which should be purchased locally, available at Home Depot). If you find their website a bit confusing/don't see everything you're looking for, you can call them at the phone number listed above and place your order over the phone, they are usually extremely helpful with students. Riogrande.com also has everything on this list except the micro torch, butane gas, and Joyce Chen scissors. Home Depot carries the butane gas, and micro torches are available from many places including kitchen supply stores (look for a "crème brulee torch" that reaches the right temperature), beaducation.com, and retailers on Amazon.com. Joyce Chen scissors are available at many kitchen supply stores, and online at Amazon.com. If you do not have everything on this list by the first day of class, just bring what you've found and we'll use the collective tools available in class and review the list on the first day. You will find the tools on this list useful to you for a long time in your jewelry making!*

Estimated cost - \$120 (can range, depending on the brands and suppliers you choose)

Please call Sara at 773-931-2744 with any questions.