

Beginners Stained Glass

Learn to develop a stained glass pattern, select glass, cut and fit glass pieces, apply copper foil and solder your stained glass panel. This class will make a panel of the Cape Hatteras lighthouse. All glass and construction supplies will be provided. Students are responsible to provide their own tools for the class. A list of required tools is available and will be provided.

Class project that
will be completed
during the six two
hour class sessions.

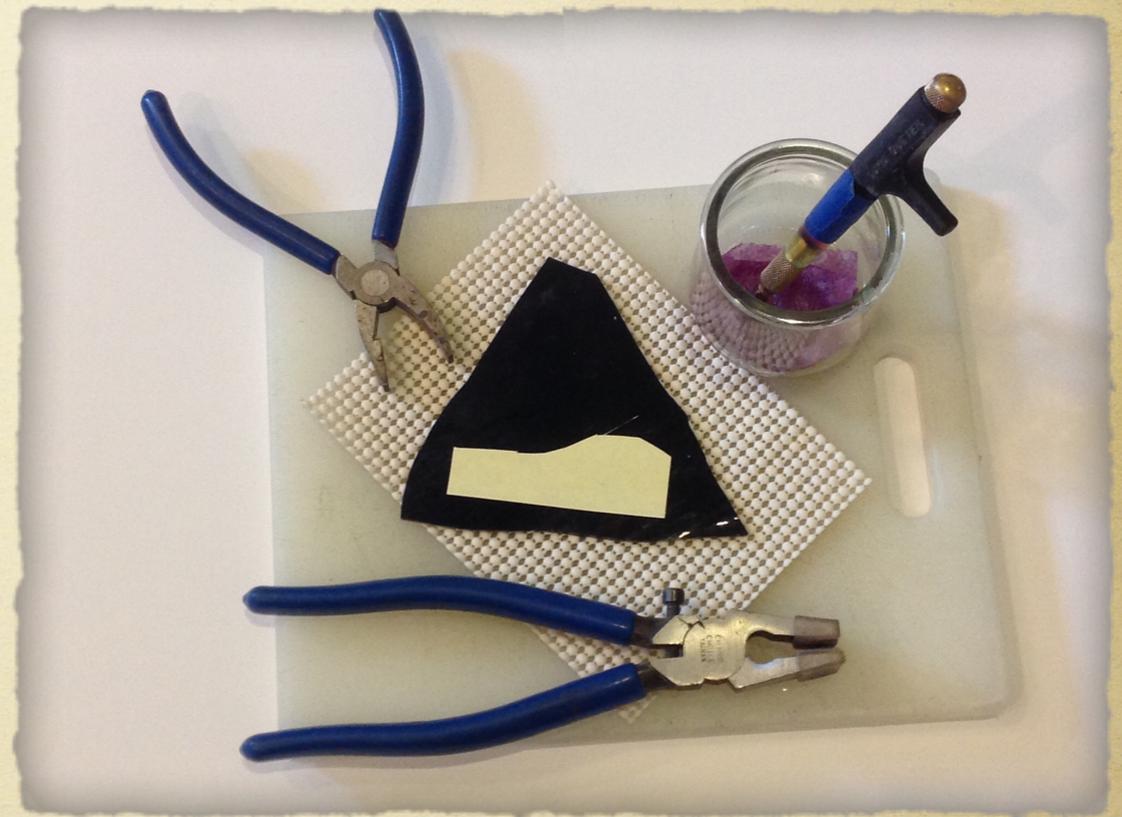


What to Expect

- You will learn the basics so that you can move forward with projects on your own
- You will need your own tools for the class, a list will be provided and sources for your purchase. In addition, you will need an 8"x12" picture frame for your panel as well as a few common household items
- Supplies for the lighthouse project will be supplied to include, glass, copper foil, solder, flux, patina.
- Each class will include step by step instruction and personal instruction to work on the panel.
- There will be 'homework' to complete between class sessions

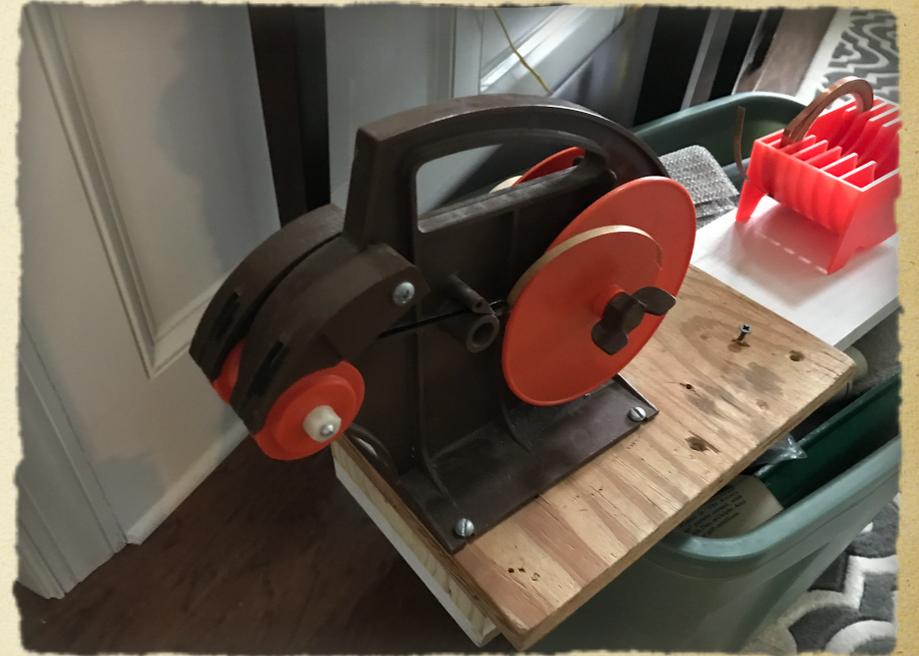
Cutting Tools

- Glass cutter
- Running pliers
- Breaking pliers
- Cutting board, student supplied
- Cutting oil
- Foam mat



Foiling and Grinding

- Copper foil is applied to the perimeter of each piece of glass by hand or using a foiling tool
- Grinders will be available at class to grind glass to fit your pattern



Soldering

- Soldering irons are part of the required tools list
- Flux and flux brush are provided
- Solder is provided
- Gloves, although not required, are a good safety measure for soldering



Panel finishing

- Cleaning
- Applying patina if desired
- Waxing and polishing
- Installation into frame with silicone



Installing in Frame

➤ These are
not needed



Michaels,

Additional Topics

- Pattern design
- Types of glass and sources
- Reinforcement
- Panel repair
- Use of advanced tools

Resources for Tools and Supplies

- On-line, delphiglass.com. Has the most comprehensive inventory of tools and supplies
- amazon.com. Has selected items at good prices, Weller soldering iron is an example on the list of required tools
- eBay.com. Going forward there are some tools that are good purchases from eBay sellers, remember, let the buyer beware
 - Used grinder, soldering iron stand, foiler and other hand tools
- Social Media, Facebook pages
 - Stained Glass Artists and Addicts & Other Artists
 - Stained Glass Patterns
 - Stained Glass Supplies for Sale
- Retail in the area
 - Carolina Stained Glass, 3305 Guess Road, Durham, NC. Expert advice and will discount 10% when you tell them you are in class
 - Hobby Lobby, has limited tools and supplies. Use your one item 40% off coupon for select purchases

Required Tools and Sources

➤ From [amazon.com](https://www.amazon.com)

➤ Weller soldering iron SPG80L

➤ From [delphiglass.com](https://www.delphiglass.com)

➤ Item #425653 Studio Pro Pistol Grip Glass Cutter this item is also available at Hobby Lobby SKU 157669 in store and on-line use 40% discount coupon

Hobby Lobby in stores and on-line, SKU 157669, and use a 40% off coupon

➤ Item #5066 3/8" Breaking/ grozer pliers

➤ Item #63987 Top Tool running pliers

➤ Item #5086 pattern shears for copper foil

➤ Item #5169 Abrasive stone

➤ Item #5162 13" plastic cutting square

➤ Item #2553 Burnisher

Other supplies

- Safety glasses
- Cutting board either wood or composite
- Bulletin board minimum 18"x24", substitute could be ceiling tile
- Push pins, a pack of 50 will suffice
- An old kitchen towel never to be used again
- Rubber or latex gloves if desired
- One baby food jar with the lid or equivalent plastic will be fine
- One 8"x12" frame for your lighthouse panel, Michaels has them