

NIGHT AT THE MUSEUM

Kaleidoscopes and Art Glass



“Night at the Museum”


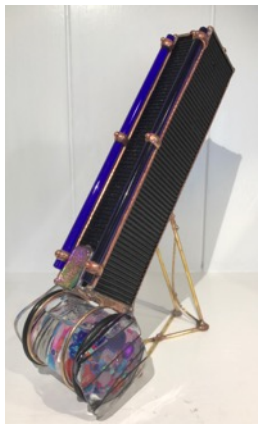


Call (928) 634-0255
to schedule a class

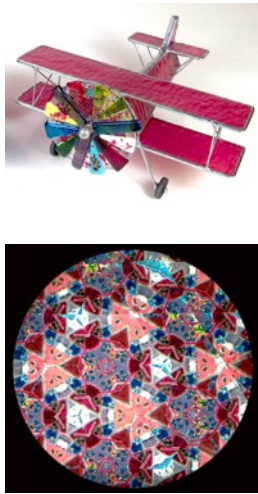


2017 Class Schedule



Wed., Thurs., Fri. and Sat.
October 12th 13th, 14th, & 15th

- Registration for all classes begins August 1st. Call 928-634-0255 to reserve your spot.
- Class reservations may be secured with a Credit Card.
- Class fees are to be paid directly by cash or check to the artist during the event.
- Cancellations: If you are unable to attend, you must cancel your reservation by September 26th or your card will be charged the full class fee if we are unable to fill the class.
- After initial class registration, you will be charged a \$25 change fee each time a class schedule is changed.

	Artist	Class	# of Students	Time	Cost
	Cathy Painter “Decorative Soldering”	A close up, hands-on class of the sculptured look Cathy creates on her kaleidoscopes. In this class you will be learning the art of decorative soldering. If students have their own soldering iron (100w), they are encouraged to bring it. Otherwise all equipment and supplies will be provided to make a kaleidoscope that you will keep. There will be a one hour lunch break. Experience required. Minimum age: 18 yrs. No Sharing.	6	6 hours Fri 9am – 4pm Open	\$200.00
	Randy & Shelley Knapp “There’s a Knapp for That”	Come and spend the day with Randy and Shelley Knapp. Learn basic woodturning skills to turning your own wood kaleidoscope barrel. Learn the basic skills of lampworking on a bench torch. Then create some glass pieces for your kaleidoscope. Learn about kaleidoscope optics and how to put them together. Then assemble your own mirrors and complete the construction of your own kaleidoscope. Walk away with your own hand turned wood kaleidoscope with a magnetic rotator mechanism, which allows you to remove your object cell and change your pieces as well for unlimited interior designs. No experience required. Minimum age: 14 yrs. No sharing.	10	6 hours Wed 9am – 4pm Closed Thurs 9am – 4pm Closed Fri 9am – 4pm Closed Sat 9am – 4pm Closed	\$195.00

	<p>Sue Rioux "Two Scopes!"</p>	<p>This will be a fun one! Students will leave with 2 small 3" scopes they have created. One marble scope with a hand blown marble made by Fritz and one with a 2" x 25mm oil or dry end. Each kaleidoscope will have different mirror systems. Students will learn to cut glass, solder and put together the 2-mirror systems. Sue will provide sandwiches and chips for a quick lunch. No experience required. Minimum age: 15. Sharing OK.</p>	<p>10</p>	<p>8 hours Wed 8am – 5pm Closed Thurs 8am – 5pm Open</p>	<p>\$250.00</p>
	<p>Sue Rioux "Parlor Scope"</p>	<p>Another fun class! Students will learn to cut glass, solder and fill their 2-inch glass tube. Sue will teach students how to make their piece a parlor scope by attaching a brass stand. Students will put together a 2-mirror system or a 3-mirror system for this scope. Sue will supply sandwiches and chips for lunch. No experience required. Minimum age: 15. Sharing OK.</p>	<p>10</p>	<p>8 hours Fri 8am – 5pm Open Sat 8am – 5pm Open</p>	<p>\$265</p>
	<p>Judith Paul & Tom Durden "Go Green"</p>	<p>It's all about choices. Birds, cats, fish, bees, shells, animals, leaves, butterflies, flowers, dogs, fruits, dragonflies, horses, vegetables. Make a scope about the wonders of our earth. Pick your own theme – and there will be thousands of beads and charms to choose from. Create your own unique scope on a beautiful light green powder coated aluminum body and then make a liquid filled interchangeable cell to match. Let us know if you have a special request. Rare 4-point star mirror system (see photo). Make your own mirrors – or not. 8.25" x 2.75" .3 diopter glass magnifying lens. Additional liquid filled interchangeable cells can be made for \$50.00 each. Visa and MasterCard accepted. No experience required. Minimum age: 12. No Sharing.</p>	<p>10</p>	<p>6 hours Fri 10am – 5pm Open Sat 10am – 5pm Open</p>	<p>\$195.00 (Additional liquid-filled interchangeable cells can be made for \$50.00 each)</p>
	<p>Scott Cole "Skills & Techniques for Kaleidoscope Making"</p>	<p>This class will emphasize the fundamental skills necessary to design and make kaleidoscopes. Participants will learn to prepare all the component parts for making a kaleidoscope such as cutting mirrors to size, cutting and grinding glass circles, torchworking glass for the magic, etc. We will examine construction techniques and using the parts you have prepared, assemble them into a completed kaleidoscope. This is the class for those who want to become more self-sufficient for kaleidoscope making, as well as those who want to be more involved in the entire process of making a kaleidoscope. Experience helpful but not necessary. Minimum age: 18. No sharing.</p>	<p>8</p>	<p>7 hours Thurs 9am – 5pm Closed Fri 9am – 5pm Open</p>	<p>\$180</p>

	<p>Kathleen Hunt "Bi-Plane"</p>	<p>Students in this class will make a stained glass Bi-Plane Kaleidoscope with a 9" wingspan and 9" in length. Students will: 1) Copper foil glass, 2) solder wing and tail sections, 3) assemble and solder tire support and tail support, 4) solder lens and eyepiece in place, 5) create mirror assembly, 6) solder struts in place, and 7) create their own image wheels of fused glass. Students are asked to wear an old tee shirt or apron and to bring an 80 watt soldering iron, rheostat and stand if they have them. Kathleen says she uses a ¼" chisel tip. Also, glasses or safety glasses are recommended. No experience required. Minimum age: 15. Sharing OK.</p>	<p>12</p>	<p>7 hours Thurs 9am – 5pm Open</p>	<p>\$160</p>
	<p>Kathleen Hunt "3-D Starburst"</p>	<p>This kaleidoscope has a multi-faceted 3-D moving spiky star image that will appear to move toward or away from the viewer depending upon how the scope is held. The scope measures 11" x 3" and is made of stained glass. Students will accomplish the following: 1) learn to copper foil stained glass, 2) solder lens and eyepiece onto scope, 3) create the magical mirror system, 4) learn to solder decoratively by making the glass beads into holders for the oil tubes, and 5) complete the scope by soldering holders onto the scope. Students are asked to wear an old tee shirt or apron and to bring an 80 watt soldering iron and a rheostat and stand if they have them. Kathleen says she uses a ¼" chisel tip. Also, glasses or safety glasses are helpful. No experience required. Minimum age: 15. Sharing OK.</p>	<p>12</p>	<p>7 hours Fri 9am – 5pm Open</p>	<p>\$195</p>
	<p>Kathleen Hunt "Aeroplane"</p>	<p>Students in this class will make a stained glass single wing Aeroplane Kaleidoscope with a 9" wingspan and 9" in length. Students will: 1) Copper foil glass, 2) solder wing and tail sections, 3) assemble and solder tire support and tail support, 4) solder lens and eyepiece in place, 5) create mirror assembly, 6) solder struts in place, and 7) create their own image wheels of fused glass. Students are asked to wear an old tee shirt or apron and to bring an 80 watt soldering iron, rheostat and stand if they have them. Kathleen says she uses a ¼" chisel tip. Also, glasses or safety glasses are recommended. No experience required. Minimum age: 15. Sharing OK.</p>	<p>12</p>	<p>7 hours Sat 9am – 5pm Open</p>	<p>\$150</p>

	<p>Mary & Richard Aldrich</p> <p>“Cast & Decorative Solder Oil Chamber Scope”</p>	<p>Participants will create an oil chamber scope using decorative solder techniques and solder casts formed in open molds, fill and seal the chamber, put in the mirrors and attach the lens. The finished scope will be 7”L x 2”H. The body of the scope will already be assembled and ready to apply the decorative solder and cast pieces and fill the chamber. There will be a variety of decorative jewel pieces available to accent your scope as well as an assortment of objects for the chamber. Please feel free to bring some of your own items to personalize your scope or use for use in the chamber (chamber pieces need to be small). Keep in mind items attached to the scope will be applied with solder (plastic does not work well!). Please let us know your color choice when registering for this class. Colors available are teal, pink, blue, green, lavender and black. Soldering irons and 60/40 solder will be used throughout the class. Students are advised to wear appropriate clothes and foot covering. No shorts or sandals please! Experience is helpful but not necessary. Minimum age: 16. Sharing OK.</p>	<p>10</p>	<p>7 hours</p> <p>Thurs 9am – 5pm Open</p>	<p>\$150</p>
	<p>Mary and Richard Aldrich</p> <p>“Two Wheel Scope Featuring Decorative and Cast Solder Decoration”</p>	<p>Participants will create a two-wheel scope using decorative solder techniques and solder casts formed in open molds. Day one we will assemble the body or the scope, cast decorative pieces in molds and start to lay out wheels. Day two we will finish the body, put in the mirrors, attach the lens and finish the wheels. The finished scope will be 9”L x 2”H. There will be a variety of decorative jewel pieces available to accent your scope as well as an assortment of objects and glass for the wheels. Please feel free to bring some of your own items to personalize your scope. Keep in mind that items attached to the scope will be applied with solder (plastic does not work well!). Please let us know your color choice when registering for this class. Colors available are teal, red, blue, green ivory and black. Soldering irons and 60/40 solder will be used throughout the class. Students are advised to wear appropriate clothes and foot covering. No shorts or sandals please! Experience helpful but not necessary. Minimum age: 16 yrs. Sharing OK.</p>	<p>10</p>	<p>2 Day Class 6 hours on Fri & 6 hours on Sat</p> <p>Fri & Sat 9am – 4pm Closed</p>	<p>\$250</p>



Laura Wilde

“Would You Believe?”

Laura will provide cut mirrors plus other items to make a 2-mirror system. There will be undecorated wooden bodies provided which are stained to walnut, pickled (whitened), or available in green or blue. Students will learn how to make the mirror system, put the system in place, and then fill an object chamber. The body of this scope is approximately 7-1/2”L x 3-1/2”W x 2”deep. Laura will be providing items and suggestions for decorating the scope exteriors so that each student has a very personal scope. **Experience is helpful but not necessary. Minimum age: 16. Sharing OK.**

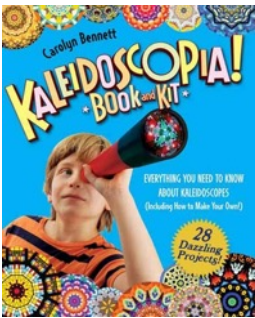
10

6 Hours

\$100.00

Fri 10am – 5pm
Open

Sat 10am – 5pm
Open



Carolyn Bennett

“Kaleidoscopia – An Intro to all things Kaleidoscopic”

Join Kaleidoscope Artist and Author, Carolyn Bennett, and Kaleidoscope Maker, Dawn Baker, on a lively journey through Kaleidoscope history past and present. Carolyn will give an exciting visual tour, which connects kaleidoscopes to nature and art. The science of kaleidoscopes will be explored through light, color and optics. Learn about the different types of scopes, lenses, focal lengths, mirror configurations and much more. Make your own kaleidoscope from materials supplied. Make another scope with recycled materials commonly discarded. This class is perfect for the person who is just a beginner or someone who is familiar with kaleidoscopes and wants to know how things work. Every participant will receive a signed copy of Kaleidoscopia, published by Workman Publishing, written by Carolyn Bennett. A former student in this class says: “Surely you know Carolyn is a force of nature. Her overview of the history of kaleidoscopes should be recorded and made available on YouTube. She shared an incredible volume of information and techniques in one day. This seemed like a ‘lightweight’ class... but it turned out to be an extraordinary day.” **No experience required. Minimum age: 12. Sharing OK. (If sharing: two people will make one scope and get one book)**




20

6 hours

\$75

Thurs 9am – 4pm
Open

Fri 9am – 4pm
Open

	<p>David Kalish “Little Lighthouse”</p>	<p>In this class students will construct the “Little Lighthouse” kaleidoscope, a model that’s been a consistent favorite in David’s line for well over a decade. This is a lovely handheld scope housed in a satin brass tube, with a turning liquid cell. David will teach his “secret method” for creating a perfect 3-mirror assembly without the use of a jig. The origin of the expression “The jig is up” will, at last, be revealed! Students will also learn David’s other carefully guarded “trade secret”: making liquid cells without the use of a fill hole and plug. Learn from the pro who has made well over 10,000 liquid cells in his lifetime. David will discuss how he goes about selecting and combining objects in order to create the optimum viewing experience. All parts will be supplied. No Experience Required. Minimum age: 12. No Sharing.</p>	<p>12</p>	<p>7 hours Sat 9am – 5pm Open</p>	<p>\$145</p>
	<p>Steven Gray “Squeezing the Dichroic”</p>	<p>By the end of the class students will have made a Squeeze Me kaleidoscope adapted to a dichroic image. This adaptation of the Squeeze Me kaleidoscope will only be available through this class. The class will be focused on two main parts, assembling the polyangular mirror system (the mirrors are movable in relation to each other and will create mandalas having anywhere from 5 points to 10 points or more) and creating two image wheels made of dichroic film. The image wheels are interchangeable for more variation of images. Students will also cover a variety of other tasks and parts to help in completing the scope. Drilling and tapping acrylic, gluing acrylic, using magnets to attach the image wheels, installing magnifier, gluing mirrors, and assembling all the parts into a finished scope. All material will be provided including dichroic film for the image wheels. All wooden parts will be already made so the class will not be carving or shaping wooden parts. Experience Level: Intermediate. Minimum Age: 16. No Sharing.</p>	<p>8</p>	<p>7 hours Thurs 9am – 5pm Open Fri 9am – 5pm Closed Sat 9am – 5pm Closed</p>	<p>\$275</p>
	<p>Marc Tickle “The Hour-Glass-Grande”</p>	<p>This class is a Nellie Bly Weekend Exclusive. 10% of the fees from this class will be donated to the Jerome Humane Society! Hour-Glass-Grande is a large version of the new Hour Glass teleidoscope, and is exclusive to this event. Students will learn how the mirror system is made and folded to achieve this unique image. Owing to the precision cutting required for this mirror system, the mirrors will be pre-cut and the students will assemble their mirror system in class. This teleidoscopic image is unique and produces very ethereal images that have incredible variety. The high quality 2”</p>	<p>12</p>	<p>5 hours Thurs 10am – 4pm Closed</p>	<p>\$250</p>



crystal ball has impressive clarity and adds to the overall beauty of this piece. **No Experience Required. Minimum Age: 15. No sharing.**



Marc Tickle
“Op-Tickle Illusion –The Chameleon Parlour”

The new Chameleon series features a dynamic aspect using a special dichroic filter that causes the entire image and surrounding parts of an image to change colors as the scope is directed into differing light sources and angles. It is a new concept. Chameleon Parlour has an added feature of a floating central mandala that sits floating in mid-air half way down a kaleidoscopic barrel. This is an optical illusion and Marc will reveal how this is done in the class. The mirror system is a two mirror system mandala made with the special dichroic filter. The scope is glass with a steel and wooden base. Students will also complete their own liquid filled cell. **No Experience Required. Minimum Age: 15. No Sharing.**

10

6 hours

\$350

Fri 9am – 4pm
Closed



Marc Tickle
“The Ultra-Violet Mandala – On a Whole Other Wavelength”

This kaleidoscope will feature a liquid-filled cell with plenty of UV light reactive glass. Participants will make their kaleidoscope from scratch except for the cell bracket. Students will learn how to cut and fold a perfect mirror system and how to master a liquid fill cell that won't leak. The class includes a UV light. The scope can be viewed with or without the UV light. Items for the cell will be provided, and students are invited to bring along their own items, too. The kaleidoscope includes a steel and wooden base. Students will have the option of making a 2- or a 3-mirror system. Marc will have all supplies available. **No Experience Required. Minimum Age: 15. No Sharing.**

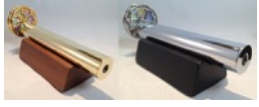
10

6 hours

\$325

Sat 9am – 4pm
Closed





Jon Greene
"Cadet Dichroic"

Students in this class will make one Cadet Dichroic or Agate. This scope can be made in either a brass or chrome finish. Students will be soldering 2 wheels with the option to make a third wheel for an additional \$20.00. Students will also put together the scope mirrors and assemble the body of the scope. **No Experience Necessary. No Minimum Age. No Sharing.**

9

6 hours
Fri 9am – 4pm
Open

\$120
((\$20.00 additional to make a 3rd object wheel)

Jon Greene
"Small Pedestal Dichroic"

In this class students will make one small pedestal kaleidoscope in Dichroic or Agate. This scope can be made with a brass or a chrome body. Students will design and solder 2 object wheels with the option to make a 3rd wheel for an additional \$30.00. Students will create (assemble) an 8-point mirror system and will assemble the body of the kaleidoscope and will then affix the body of the scope to the pedestal. **No Experience Necessary. Minimum Age: 16. No Sharing.**

7

6 hours
Sat 9am – 4pm
Open

\$235
((\$30.00 additional to make a 3rd object wheel)

JeriLyn Alderman & Randy Cribben





"Beginning Marbles"

In this class students will explore as many beginning marble techniques as possible in the time allotted. Everything from Dot Twists to Dichroic Galaxies. Glass and tools will be provided. Lunch will be provided. **No Experience Required. Minimum Age: 10. No Sharing**

6

7 hours
Thurs 9am – 5pm
Open

\$210
(Fee includes lunch.)

	<p>JeriLyn Alderman & Randy Cribben</p> <p>“Beginning Pendants”</p>	<p>In this class students will explore as many beginning pendant techniques as we can in the time allotted. Everything from Dot Twists to Dichroic galaxies. Glass and tools will be provided. Lunch will be provided. No Experience Required. Minimum Age: 10. No Sharing</p>	<p>6</p>	<p>7 hours</p> <p>Fri 9am – 5pm Open</p>	<p>\$160</p> <p>(Fee includes lunch.)</p>
	<p>JeriLyn Alderman & Randy Cribben</p> <p>“Beginning Flower Marbles”</p>	<p>In this class students will explore a few different flowers using the compression technique. Glass and tools will be provided. Lunch will be provided. No Experience Required. Minimum Age: 10. No Sharing</p>	<p>6</p>	<p>7 hours</p> <p>Sat 9am – 5pm Closed</p>	<p>\$210</p> <p>(Fee includes lunch.)</p>
	<p>Lori Riley</p> <p>“Brass Filigree”</p>	<p>Students will make a beautiful brass kaleidoscope with two fused wheels. The morning will consist of putting together two wheels and fusing them. While the wheels are fusing, the students will construct the 5-point mirror system and put together the 7” brass filigree tube, eye piece, lens and parts. They will finish the wheels in the afternoon and complete their kaleidoscope. With time permitting, the students will be able to do a surprise bonus scope. No Experience Necessary. Minimum Age: 12. Sharing OK but limited due to space.</p>	<p>8</p>	<p>6 hours</p> <p>Fri 9am – 4pm Open</p>	<p>\$135</p> <p>(Fee includes lunch.)</p>
	<p>Lori Riley</p> <p>“Inter-changeable Brass Filigree”</p>	<p>Students will make a beautiful interchangeable brass kaleidoscope with four fused wheels. The morning will consist of putting together four wheels and fusing them. While the wheels are fusing, the students will construct the 5-point mirror system and put together the 8” brass filigree tube, eye piece, lens and parts. They will finish the wheels in the afternoon and complete their kaleidoscope. Students will also receive a wooden stand to display their scope and extra wheels. With time permitting, the students will be able to do a surprise bonus scope. No Experience Necessary. Minimum Age: 12. Sharing OK but limited due to space.</p>	<p>8</p>	<p>7 hours</p> <p>Thurs 9am – 4pm Closed</p> <p>Sat 9am – 5pm Closed</p>	<p>\$175</p> <p>(Fee includes lunch.)</p>