

# NICHOLSBY

*Kaleidoscopes and Art Glass*



## “Moulin Rouge”

Call (928) 634-0255  
to schedule a class

### 2018 Class Schedule

Wed., Thurs., Fri. and Sat.  
October 17<sup>th</sup> 18<sup>th</sup>, 19<sup>th</sup>, & 20<sup>th</sup>

- Registration for all classes begins July 24<sup>th</sup>. 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
	<b>Jerilyn Alderman &amp; Randy Cribben</b>  “Beginning Marbles”	Learn to make spherical marbles out of borosilicate glass. We will be covering several techniques that can be admired through marble scopes or all on their own. All supplies are included in the class price. <b>No experience required. Minimum age: 16. No Sharing.</b>	6	7 hours Wed 9am – 5pm <b>Open</b>	\$225  (Fee includes lunch)
	<b>Jerilyn Alderman &amp; Randy Cribben</b>  “Beginning Pendants”	Learn to make pendants with perfect loops! Techniques covered will be anything from mushrooms and jellyfish to dichroic galaxy pendants and flowers. All supplies are included in the class price. <b>No experience required. Minimum age: 16. No Sharing.</b>	6	7 hours Thurs 9am – 5pm <b>Open</b>	\$200  (Fee includes lunch)
	<b>Jerilyn Alderman &amp; Randy Cribben</b>  “Bottle Stoppers”	Learn to make glass bottle stoppers that will fit nearly any 750ml bottle. All supplies are included in the class price. <b>No experience required. Minimum age: 16. No sharing.</b>	6	7 hours Fri 9am – 5pm <b>Open</b>	\$250  (Fee includes lunch)



**Jerilyn Alderman & Randy Cribben**  
 “Beginning Marbles”

Learn to make spherical marbles out of borosilicate glass. We will be covering several techniques that can be admired through marbles scopes or all on their own. All supplies are included in the class price. **No experience required. Minimum age: 16. No sharing.**

6

7 hours  
 Sat 9am – 5pm  
**Closed**

\$225  
 (Fee includes lunch)



**Mary & Richard Aldrich**  
 “Cast & Decorative Solder Marble or Tumble Chamber Scope”

Participants will create a tapered body scope using decorative solder techniques and solder casts formed in open molds. Students will complete the final assembly of the body, place the marble/tumble chamber wires, cast the solder pieces, decorate the body of the scope, fill and seal the tumble chamber, put in the mirrors and attach the lens, patina and polish the completed scope. The finished scope will be 7” long and 3” high at the viewing end tapering to a ¼” object end. The body of the scope will already be partially assembled and ready to apply the decorative solder and cast pieces. There will be a variety of decorative jewelry pieces available to accent your scope as well as an assortment of objects for the chamber and an assortment of 1-1/4” handcrafted marbles to choose from. Please feel free to bring some of your own items to personalize your scope or 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, blue, green, red, ivory and black. Soldering irons and 60/40 solder will be used throughout the class. If you have your own iron and would like to bring it that is fine. Mary and Richard prefer the smaller chisel tips in the irons as it makes the decorative solder techniques easier. 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.**

10

7 hours  
 Thurs 9am – 5pm  
**Closed**

\$150



**Mary & Richard Aldrich**

“Two Wheel Windmill Scope Featuring Decorative and Cast Solder Decoration”

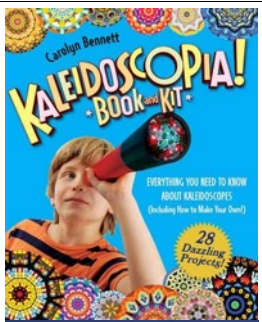
Participants will create a two wheel tapered body upright scope using decorative solder techniques and solder casts formed in open molds. This scope is inspired by the windmill in Moulin Rouge and is a design created especially for this event. Day one we will assemble the body of the scope, cast decorative pieces in molds and start to lay out wheels. Day two we will finish the body, put in the mirrors, and attach the lens and finish the wheels. The finished scope will be 8” high and 3” wide at the base. There will be a variety of decorative jewelry 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 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. If you have your own iron and would like to bring it that is fine. Mary and Richard prefer the smaller chisel tips in the irons as it makes the decorative techniques easier. 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.**

10

2 Day Class  
6 hours on Fri &  
6 hours on Sat

\$250

Fri & Sat  
9am – 4pm  
**Closed**



**Carolyn Bennett**

“Kaleidoscopia”

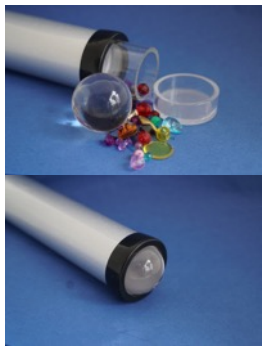
Students in this class will receive a copy of “Kaleidoscopia Book and Kit” written by Carolyn Bennett (retail value of \$25.00) as their guide to this class. An introduction to all things Kaleidoscopic! This class is perfect for someone just starting out or someone who simply wants more understanding about the way kaleidoscopes work. It’s like Scopeology 101. And, it’s lots of fun! Join Carolyn Bennett and Dawn Baker on a lively journey through Kaleidoscope history past and present. Carolyn will present 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. Students will make several simple kaleidoscopes from materials supplied. Students will see and use recycled materials in a new way. The class will explore polarized light and teleidoscopic connections to the

20

6 hours  
Fri 9am – 4pm  
**Open**  
Sat 9am – 4pm  
**Open**

\$100

(Fee includes a copy of “Kaleidoscopia Book & Kit”)



internet (bring your phone). A beautiful acrylic kaleidoscope will be your creation of the day. Class participants will make a 9" acrylic body scope with an interchangeable end. The scope can be a teleidoscope or a kaleidoscope with beads in a chamber. **No experience required. Minimum age: 12. Sharing OK.**



**R Scott Cole**

“Inside/Outside: A Concentrated Course in Hands-On Kaleidoscope Design”

This class will emphasize the fundamental skills necessary to design and make kaleidoscopes. Participants will not only design and decoratively etch a copper tube, they will also 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 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 required. Minimum age: 18. No sharing.**

7

7 hours

\$180

Fri 9am – 5pm  
**Closed**

Sat 9am – 5pm  
**Closed**



**Steven Gray**

“Wild, Wired and Really Wacky”

In a small class setting in the artist’s studio, we will create a unique kaleidoscope with a hardwood barrel and a 2-mirror system to create a 4-point star. Participants will choose a barrel that they will buff to put the final shine and wax on the scope. Everyone will learn to fabricate and shape parts for the cell by using colored wire to create an image that is as intense as dichroic glass, if not more so. The wooden body and rotating head will hold a liquid filled image cell. We will work with acrylic to assemble the image cell and then fill it with oil and seal the cell. The class will be introduced to various mirror cutting tools and assemble the mirror system. At the end of the class, we will assemble all of the parts we created together to complete the scope. All materials will be provided. Participants may bring some of their own items to include in the image cell. Wooden parts will be already made so the class will not be carving or shaping wooden parts. **No Experience required. Minimum age: 16 yrs. No Sharing.**

8

7 hours

\$240.00


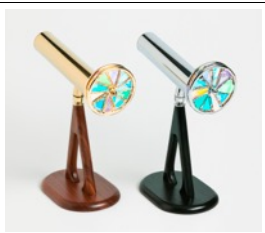
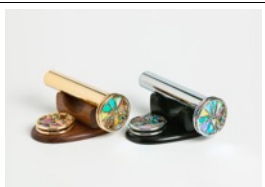

Wed 9am – 5pm  
**Closed**







Thurs 9am – 5pm  
**Open**


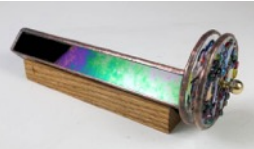
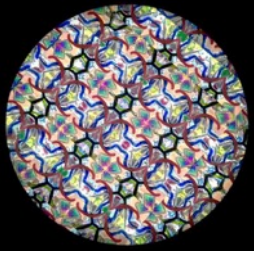


Fri 9am – 5pm  
**Open**

Sat 9am – 5pm  
**Closed**



	<p><b>Jon Greene</b> "Cadet Dichroic or Agate"</p>	<p>The first half of the day will be mirror assembly and body assembly. Tools used will be a hot glue gun, wire cutters, a propane torch and a glass cutter. The second half of the class will be wheel making using either dichroic glass or agate stone. The tool used for this will be a soldering iron. <b>No experience required. No minimum age. No sharing with the exception of parent/child.</b></p>	<p>8</p>	<p>6 hours Thurs 9am – 4pm <b>Open</b></p>	<p>\$120</p>
	<p><b>Jon Greene</b> "Large Pedestal Scope"</p>	<p>The first half of the class will be mirror assembly, body assembly and attachment of the kaleidoscope to the pedestal after pedestal assembly. Tools used are a hot glue gun, a propane torch, wire cutters, glass cutters, a circle cutter and a drill. The second half of the class will be the wheel making. Material options are smooth and textured dichroic glass, agate stone and seashells. The tool used will be a soldering iron. <b>Some experience is helpful. Minimum age 18. No sharing.</b></p>	<p>6</p>	<p>6 hours Fri 9am – 4pm <b>Open</b></p>	<p>\$275</p>
	<p><b>Jon Greene</b> "Small Floret Interchangeable"</p>	<p>The first half of the day will be mirror assembly and body assembly in either chrome or brass. Tools used will be a hot glue gun, a propane torch, wire cutters, a glass cutter and a circle cutter. The second half will be wheel making. Material options are smooth and textured glass, seashells, agate stone or filigree. The tool used will be a soldering iron. The stand to accommodate the kaleidoscope and the extra wheel(s) is included in the class fee. <b>No experience required. Minimum age: 14. No sharing.</b></p>	<p>8</p>	<p>6 hours Sat 9am – 4pm <b>Open</b></p>	<p>\$170 with 3 wheels OR \$190 with 4 wheels</p>
	<p><b>Kathleen Hunt</b> "The Column"</p>	<p>Students in this class will build this entire kaleidoscope. The class will copper foil cut glass pieces and solder together the body of the scope. Students will create the off-center 2-mirror system and will create one dry object cell to attach to the scope. <b>Soldering experience helpful but not required. Minimum age: 16. No sharing.</b></p>	<p>10</p>	<p>6 hours Thurs 9:30am – 4:30pm <b>Open</b></p>	<p>\$185</p>

 	<p><b>Kathleen Hunt</b> "Small Carousel Teleidoscope"</p>	<p>Students in this class will build this entire teleidoscope. Students will copper foil all glass and solder everything together. Some decorative solder techniques will be taught. Students will assemble and fit the 3-mirror system and fit it into the scope body. Students will create the turntable and will insert the piece that will become the object of the scope. <b>Soldering experience helpful but not required. Minimum age: 16. No sharing.</b></p>	<p>10</p>	<p>6 hours Fri 9:30am – 4:30pm <b>Closed</b></p>	<p>\$175</p>
 	<p><b>Peggy Kittelson &amp; Sherry Moser</b> "Chandala Kaleidoscope"</p>	<p>In this class students will be making the innovative classic Chandala Kaleidoscope. A stained glass, 2-mirror kaleidoscope with a dichroic glass third side. Pieces are placed inside the mirror system and tumble within the mirrors creating a dimensional image. Students will be assembling their scope with traditional stained glass techniques which include copper foiling and soldering their scope together. If time permits, Peggy and Sherry will demonstrate decorative soldering techniques to the class and students will be able to add some decorative work to their kaleidoscope. <b>Soldering skills are helpful but not required. Minimum age: 14. No sharing.</b></p>	<p>8</p>	<p>7 hours Thurs 9am – 5pm <b>Closed</b> Fri 9am – 5pm <b>Closed</b></p>	<p>\$175</p>
	<p><b>Steve Kittelson</b> "Get in Gear"</p>	<p>In this class students will be using a wood lathe, drills, a bandsaw, a drill press and a chopsaw. We will use walnut, cherry burl and figured oak crotch. Gears will be supplied. The mirror system will be a 2-mirror with 3<sup>rd</sup> side dichroic. The oil-filled object cell will be a black background and students will be able to create their own pieces on a torch and/or they can bring their own pieces. If students have small gears, springs, special objects or glass that they would like to try in the object cell, they are encouraged to bring them. <b>Experience preferred. Minimum age: 16. No sharing.</b></p>	<p>3</p>	<p>8 hours Wed 8am – 5pm <b>Closed</b> Thurs 8am – 5pm <b>Closed</b> Fri 8am – 5pm <b>Open</b> Sat 8am – 5pm <b>Closed</b></p>	<p>\$800</p>
	<p><b>Randy &amp; Shelley Knapp</b> "There's a Knapp for That"</p>	<p>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.</p>	<p>10</p>	<p>6 hours Wed 9am – 4pm <b>Closed</b> Thurs 9am – 4pm <b>Closed</b></p>	<p>\$195.00</p>

		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. <b>No experience required. Minimum age: 14 yrs. No sharing.</b>		Fri 9am – 4pm <b>Closed</b>  Sat 9am – 4pm <b>Closed</b>	
	<b>Cathy Painter</b> “Mermaids at the Beach”	Students in this class will assemble two sea shell themed kaleidoscopes. Students will assemble a 3-mirror system, use decorative soldering techniques, and will also glue decorative items to the scopes. All tools and materials will be provided. The larger of the two scopes will feature a marble made by Jerilyn Alderman and Randy Cribben and the smaller scope will feature as the object a glass bead with an aquarium theme complete with jellyfish and small sea creatures. There will be a vast assortment of shells, coral and other decorative items available for students to build two beautiful shell scopes. <b>No experience required. Minimum age: 18. No Sharing.</b>	8	6 hours  Fri 9am – 4pm <b>Open</b>	\$250.00  (Fee includes lunch)
 	<b>Lori Riley</b> “Quilted Glass Kaleidoscope”	The scope that students will make in this class is a 7”L square stained glass tube with a square 4-mirror system and two fused glass wheels. Students will construct two fused wheels and foil and solder the stained glass tube. They will also put together the 4-mirror system. When they are finished, they will have a beautiful stained glass kaleidoscope with an interior image that looks like a quilt. <b>No experience required. Minimum age: 16. No sharing.</b>	6	7 hours  Fri 9am – 5pm <b>Open</b>  Sat 9am – 5pm <b>Closed</b>	\$200  (Fee includes lunch)
	<b>Sue Rioux</b> “Star Shine”	Sue has had many requests to teach her signature “Barrel” and this scope is similar! Students will construct a 6” scope body and will assemble either a 2- or 3-mirror system. Students will also be soldering 16 pieces of glass onto a cylinder that they will attach to the scope on a tilt to create a beautiful star image. <b>No experience required. Minimum age: 18. No Sharing.</b>	6	8 hours  Wed 8am – 5pm <b>Open</b>	\$325  (Fee includes lunch)
	<b>Sue Rioux</b> “Double Double”	This scope is two in one! Two mirror systems and two connected oil chambers. Students will learn from Sue’s 40 years of working with glass and over 30 years of making kaleidoscopes. You will get a chance to cut glass, foil your pieces, put your mirrors together, and solder and fill your glass tubes. There is	10	8 hours  Thurs 8:30am – 5:30pm <b>Closed</b>  Fri 8:30am – 5:30pm	\$275  (Fee includes lunch)




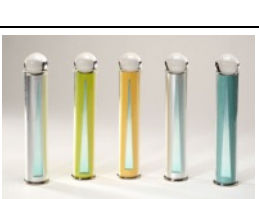
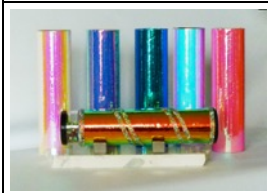
		a lot to do so this one will take us all day. Sandwiches for lunch are included. <b>No experience required. Minimum age: 16. Sharing OK.</b>		<b>Open</b> Sat 8:30am – 5:30pm <b>Closed</b>	
	<b>Marc Tickle</b>  “Hour Glass Parlour Kaleidoscope”	Exclusively designed for this event, Hour Glass Grande Parlour Kaleidoscope features a unique 6-mirror version of Hour Glass Grande. Students will make this high-end parlour scope complete with a from-scratch liquid-filled large object cell. Learn how a complex mirror arrangement is designed. Cut some of the components for it, assemble all six mirrors and marvel at the incredible image! Students will get to work with dichroic mirrors as well as front surface mirrors in this cutting-edge design. <b>No experience required. Minimum age: 15. No Sharing.</b>	10	7 hours  Thurs 9am – 5pm <b>Closed</b>	\$375
	<b>Marc Tickle</b>  “Large Chameleon Teleidoscope – 4 Point Loveliness”	This is a large version of the Chameleon Teleidoscope, but with a wonderful 4-point mandala. Learn the secrets of the Chameleon image. Cut your own mirrors from scratch or opt for pre-cut. Each student will have the opportunity to customize their individual piece with watercolour painted paper. Learn how to get stunning photos with this new unique teleidoscopic image. 10% of your class fee will be donated to the Jerome Humane Society. <b>No experience required. Minimum age: 15. No sharing.</b>	12	6 hours  Fri 9am – 4pm <b>Closed</b>	\$225
	<b>Marc Tickle</b>  “Hour Glass Grande <i>Deja View</i> ”	Back by popular demand... Marc was asked by several individuals to offer this class again in 2018! Hour Glass Grande is a large and much enhanced version of the Hour Glass teleidoscope. Students will learn how this 5-mirror system is designed to achieve this unique image. Owing to the precision cutting required for this mirror system, three of the 5 mirrors will be pre-cut, giving students the option of cutting two of them themselves. Students will assemble their mirror system in class. This teleidoscopic	10	6 hours  Sat 9am – 4pm <b>Closed</b>	\$250
					





image is unique and produces very ethereal images that have incredible variety. The high quality 2" custom made pure crystal ball has impressive clarity and adds to the overall beauty of this piece. **No experience required. Minimum age: 15. No sharing.**



**Laura Wilde**  
"Ethereals"

Students in this class will make two kaleidoscopes. The kaleidoscopes will be 7-3/4"L x 2"W and they will have a 2 or a 3-mirror system. There will be dry object cells with a partially clear base. Students in this class can cut their scope mirrors (or Laura will have them cut for you), assemble the mirror systems and create the object cells to make these scopes uniquely their own. Students will cover the exterior of their scopes with translucent vinyl that Laura has in 6 colors – basically aurora borealis combos: gold/green/orange, blue/green/turquoise, purple/pink/gold, opalescent pastels, hot pink/yellow, and yellow/pink. The scope will then be adorned with strips of rhinestones, ribbons, metallic sticker shapes (circles, triangles, etc.) or flatback individual rhinestones. All cells will have some aurora borealis finished items. **No experience required. Minimum age: 16. Sharing OK.**

10

5 hours  
Fri 9:30am – 4pm  
**Open**  
Sat 9:30am – 4pm  
**Open**

\$150



**Koji Yamami**  
"2 Scopes!  
Narrow Mini &  
Venus Mini"

Students in this class will make two different kaleidoscopes! The Narrow Mini is about 4" long and has an isosceles low angle 3-mirror system and it has an aluminum body with a dry object cell. The Venus Mini is about 3" long and has an equilateral triangle 3-mirror system with a brass body and an oil-filled object cell. **No experience required. Minimum age: 16. No Sharing.**

20

5 hours  
Fri 9:30am – 4pm  
**Open**

\$200



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