

# Pocosin Arts *School of Fine Craft*

## Materials and Equipment

Instructor Name: Charity Hall

Please consider carefully all the tools and materials you will need to successfully complete your workshop. Provide as much detail as possible (see example.) Please email Eli Arenas at [zoom@pocosinarts.org](mailto:zoom@pocosinarts.org) with any questions.

Providing the supplier name and exact item number assure that we purchase exactly what you need.

The items highlighted are available as a kit from the instructor. Students are welcome to instead purchase these items on their own, but it is essential that the sizes of the tubing, stones, and burs are the exact sizes listed.

Specify Quantity per Student/ Studio	Item/Tool/ Material	Supplier/ Website/ & Item Number	Select One of the Following:	
			Instructor will send	Student will order
1 dozen per student (more if student is not familiar with sawing)	3/0 saw blades	Rio Grande – <a href="http://www.riogrande.com">www.riogrande.com</a> Item # <a href="https://www.riogrande.com/product/Herkules-White-Label-30-Saw-Blade/110035">https://www.riogrande.com/product/Herkules-White-Label-30-Saw-Blade/110035</a>		X
1 per student	jeweler's saw frame	<a href="https://www.riogrande.com/product/german-adjustable-jewelers-3-saw-frame/110041">https://www.riogrande.com/product/german-adjustable-jewelers-3-saw-frame/110041</a>		x
1 per student	Bur life	<a href="https://www.riogrande.com/product/bur-life-stick-lubricant/117003">https://www.riogrande.com/product/bur-life-stick-lubricant/117003</a>		x

Approximately 20 stones per student ***MUST BE 2.5mm**	2.5mm round faceted stones (cubic zirconia are great and tend to be the most accurate as far as size. You can get a variety of colored cz's from eBay, but shipping is very slow. You can use natural stones instead of cz's. Just make sure they are machine cut and 2.5mm.	<a href="https://www.ebay.com/itm/133001573547?hash=item1ef782f4ab:g:h7MAAOSwqu1avGbp">https://www.ebay.com/itm/133001573547?hash=item1ef782f4ab:g:h7MAAOSwqu1avGbp</a> OR <a href="https://www.riogrande.com/product/CZ-25mm-Round-Machine-Cut-Faceted-Stone/91126">https://www.riogrande.com/product/CZ-25mm-Round-Machine-Cut-Faceted-Stone/91126</a> OR <a href="https://www.riogrande.com/product/Rhodolite-Garnet-25mm-Round-Machine-Cut-Faceted-Stone-AA-Grade/90050">https://www.riogrande.com/product/Rhodolite-Garnet-25mm-Round-Machine-Cut-Faceted-Stone-AA-Grade/90050</a>		
1 per student	Lynx Round Bur 2.3mm	<a href="https://www.riogrande.com/product/LYNX-Round-Bur-23mm/344520">https://www.riogrande.com/product/LYNX-Round-Bur-23mm/344520</a>		
1 per student	Lynx Setting Bur 2.5mm	<a href="https://www.riogrande.com/product/LYNX-Setting-Bur-25mm/344379">https://www.riogrande.com/product/LYNX-Setting-Bur-25mm/344379</a>		
1 per student	6" Heavy Walled Tubing 3MM ODX0.51MM	<a href="https://www.riogrande.com/product/Sterling-Silver-3mm-Seamless-Heavy-Wall-Tubing-Hard-12-Length/100425">https://www.riogrande.com/product/Sterling-Silver-3mm-Seamless-Heavy-Wall-Tubing-Hard-12-Length/100425</a>		
1 per student	6" of 12ga sterling round wire (can substitute brass)	<a href="https://www.riogrande.com/product/Sterling-Silver-Round-Wire-12-Ga-Dead-Soft/100312">https://www.riogrande.com/product/Sterling-Silver-Round-Wire-12-Ga-Dead-Soft/100312</a>		x
1 per student	Digital Calipers with mm readout	<a href="https://www.riogrande.com/product/steel-electronic-digital-caliper-4/115189">https://www.riogrande.com/product/steel-electronic-digital-caliper-4/115189</a>		x

1 per student	Hard and medium solder (wire form) (about 12" of each)	<a href="https://www.riogrande.com/product/Silver-Wire-Solder-22-Ga-Medium/101710">https://www.riogrande.com/product/Silver-Wire-Solder-22-Ga-Medium/101710</a>  <a href="https://www.riogrande.com/product/Silver-Wire-Solder-22-Ga-Hard/101711">https://www.riogrande.com/product/Silver-Wire-Solder-22-Ga-Hard/101711</a>		x
1 per student	22 or 24 gauge sterling sheet (3"x3")  You may substitute with copper for this item	<a href="https://www.riogrande.com/product/Sterling-Silver-3-x-3-Sheet-24-Ga-Dead-Soft-Brushed-Finish/100598">https://www.riogrande.com/product/Sterling-Silver-3-x-3-Sheet-24-Ga-Dead-Soft-Brushed-Finish/100598</a>		x
1 per student	6" of 2mm x 1.5mm rectangular wire (exact dimension of this item is not important but should not be narrower than 2mm). We will use this to make one or two narrow ring bands. If you prefer a wider ring band, you may purchase wider rectangular wire.	<a href="https://www.riogrande.com/product/Sterling-Silver-2-x-1.5mm-Rectangle-Wire-Dead-Soft/100500">https://www.riogrande.com/product/Sterling-Silver-2-x-1.5mm-Rectangle-Wire-Dead-Soft/100500</a>		x
1 per student	Miter jig	<a href="https://www.riogrande.com/product/miter-cutting-vise-and-jig/113596">https://www.riogrande.com/product/miter-cutting-vise-and-jig/113596</a>		x
1 per student	Bench pin/sturdy worktable			x
1 per student	Tube setting tool set (aka bezel punches)	<a href="https://www.riogrande.com/product/stone-setting-system-with-18-punches/118961">https://www.riogrande.com/product/stone-setting-system-with-18-punches/118961</a>		x

1 per student	Square bezel pusher	<a href="https://www.riogrande.com/product/steel-prong-and-bezel-pusher-square/113034">https://www.riogrande.com/product/steel-prong-and-bezel-pusher-square/113034</a>		x
1 per student	Flat bastard file	<a href="https://www.homedepot.com/p/Nicholson-8-in-Bastard-Cut-Mill-File-21832N/202983305">https://www.homedepot.com/p/Nicholson-8-in-Bastard-Cut-Mill-File-21832N/202983305</a>		x
1 per student	Rawhide mallet	<a href="https://www.riogrande.com/product/Rawhide-Mallet-6-oz/112215">https://www.riogrande.com/product/Rawhide-Mallet-6-oz/112215</a>		x
1 per student	Chasing hammer	<a href="https://www.riogrande.com/product/chasing-hammer-6-oz/112230">https://www.riogrande.com/product/chasing-hammer-6-oz/112230</a>		x
1 per student	Steel Ring Mandrel	<a href="https://www.riogrande.com/product/durston-hardened-ring-mandrel-16/112575">https://www.riogrande.com/product/durston-hardened-ring-mandrel-16/112575</a>		x
1 per student	Ring clamp	<a href="https://www.riogrande.com/product/hardwood-ring-clamp/113105">https://www.riogrande.com/product/hardwood-ring-clamp/113105</a>		x
1 per student	Steel bench block	<a href="https://www.riogrande.com/product/Steel-Bench-Block-4-x-4-x-34/112570">https://www.riogrande.com/product/Steel-Bench-Block-4-x-4-x-34/112570</a>		x
1 per student	Sanding disks for flex shaft or 1/2 sheet of 320 grit wet/dry sandpaper			x
1 per student	Flux and flux brush			x
1 per student	Soldering torch setup			x
1 per student	Soldering pick			x
1 per student	Pickle and pickle pot			x
1 per student	Flex shaft with chuck key			x
1 per student	Optivisors or other magnifiers	<a href="https://www.riogrande.com/product/Donegan-OptiVISOR-with-2-Lens-15X/113200">https://www.riogrande.com/product/Donegan-OptiVISOR-with-2-Lens-15X/113200</a>		x

1 per student	Solder snips			x
1 per student	Fine point Tweezers for picking up pieces of solder			x