

Pocosin Arts School of Fine Craft

Materials and Equipment

Instructor Name: Marissa Saneholtz

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 with any questions.

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

Specify Quantity per Student	Item/Tool/ Material	Supplier/ Website/ & Item Number	Select One of the Following:	
			Instructor will send in kit	Student will order
3 per student	1mm Cross Cut Bur	Rio Grande- www.riogrande.com https://www.riogrande.com/product/lynx-square-cross-cut-bur-1mm/348704 Item # 348704		X
2 per student	Screw Top Mandrel (any mandrels will work if you have corresponding separating discs and polishing wheels)	Rio Grande- www.riogrande.com https://www.riogrande.com/product/stainless-steel-1-16-screw-mandrel-304hp-3-32-shank/333123 Item # 333123		X
5 per student	Separating Disc (Any thickness will work, but thicker is less likely to break for what we will need it for)	Rio Grande- www.riogrande.com https://www.riogrande.com/product/dura-aluminum-oxide-7-8-separating-disc/337233 Item # 337233		X

1 per student	Polishing Wheel (any silicon polishing wheel will do, this is just my favorite)	Rio Grande- www.riogrande.com https://www.riogrande.com/product/eve-high-flex-blue-flat-edge-wheel-polisher-medium/33240110 Item # 33240110		X
1	Standard Parallel Action Pliers (optional)	Rio Grande- https://www.riogrande.com/product/maun-flat-nose-parallel-action-pliers/111117 Item # 111117		X
1	Parallel Action Pliers w/ Snip (optional but highly recommended)	Otto Frei- https://www.ottofrei.com/Narrow-Flat-Nose-with-Side-Cutter-Serrated-Jaw-With-V-Slot-P?quantity=1&keywords=146.514 Item # 146.514		X
1 ft per student	Stainless Pin Wire, .037" or smaller.	Component Supply Company https://componentsupplycompany.com/stainlesssteelwire.php?gclid=Cj0KCOjw0caCBhCIARIsAGAfMzjGuSQ12RIJ80jzVfF_Cds4TDyWr76xeJckmbW0foxqKH3Wedmvw8aAtB9EALw_wcB Part # GWX-0370		X
3" per student	Sterling Silver Heavy-Wall Tubing, Hard	Rio Grande- https://www.riogrande.com/product/sterling-silver-3mm-seamless-heavy-wall-tubing-hard-12-length/100425 Item # 100425		X
3" per student	Sterling Silver Seamless Tubing, Hard, 2.03mm outside diameter, .51mm wall thickness	Rio Grande- https://www.riogrande.com/product/sterling-silver-2-03mm-seamless-heavy-wall-tubing-hard-12-length/100450 Item # 100450		X

1	Jewelry Saw frame (any will work)	Rio Grande- https://www.riogrande.com/product/jewelers-adjustable-5-saw-frame/110133 Item # 110133		x
1 dozen	Saw blades (3/0, 4/0 or 6/0- student's choice. I use 3/0)	Rio Grande- https://www.riogrande.com/product/Herkules-White-Label-30-Saw-Blade/110035 Item # 110035		x
1	Flexshaft or similar rotary tool	Rio Grande- https://www.riogrande.com/product/prodigy-flexshaft-dual-handpiece-kit/117101 Item #117101		x
1	Assorted Files (at least one larger file with a flat side- half round or bastard and some needle files- at least a half round and a rattail)	Rio Grande- https://www.riogrande.com/product/Friedrich-Dick-Half-Round-Hand-File-Cut-3/114709 https://www.riogrande.com/product/needle-file-set-cut-2-set-of-12/114257 Item #s 114709 and 114257		x

1 piece of each grit	Wet/dry sandpaper (220, 400, 600)	<p>Amazon.com https://www.amazon.com/Sandpaper-Assorted-Assortment-Automotive-Furniture/dp/B08LZNSNGS/ref=sr_1_4_sspa?dchild=1&keywords=sandpaper&qid=1607833598&sr=8-4-spons&psc=1&spLa=ZW5jenlwdGVkUXVhbGlmaWVyPUEyM0I1RFAwSE9YNEk1JmVuY3J5cHRIZElkPUEwOTI4ODQyTVVaUDZyRDZMSVlzJmVuY3J5cHRIZEFkSWQ9QTAWNTE5MzRVTEpJWVSS1NYTFEmd2lkZ2V0TmFtZT1zcF9hdGYmYWN0aW9uPWNsaWNrUmVkaXJlY3QmZG9Ob3RMb2dDbGljaz10cnVl</p>		x
1	Soldering set up with torch (the torch tip size will depend on the size of the pin you want to create)	<p>Rio Grande- https://www.riogrande.com/product/smith-silver-smith-acetylene-and-air-torch-kit-with-tank/500109nw Item # 500109</p>		x
1	Flux (I use handyflux) and a natural hair bristle paintbrush for application to hot surfaces.	<p>Rio Grande- https://www.riogrande.com/product/Handy-Flux-Paste-with-Brush-for-Soldering-and-Annealing/504084 Item # 504084</p>		x
1	Soldering pick (I use an old steel coat hanger, cut up and sharpened)	<p>Rio Grande- https://www.riogrande.com/product/titanium-soldering-pick-set-of-3/503034 Item # 503034</p>		x

1	Drill press (optional)	Dumore- https://www.dumoretools.com/sensitive-drill-press?osCsid=7gfk6prl4djqifbcc3phlbeg34 Part # 8576-210		X
1	Pickle and pickle pot (whatever kind of pickle you want to remove oxidation and flux glass from soldering)	Rio Grande- https://www.riogrande.com/product/Rio-Pickle-for-Non-Ferrous-Metals-3-lbs/5010233 Item # 501233		X
1	Soft solder brick or soldering pad	Rio Grande- https://www.riogrande.com/product/Solderite-Pad-Soft-6-x-6-x-34/502064 Item # 502064		X
1	Tube cutting jig or miter jig (they also have hand held versions, but they are not built for left handed folks)	Contenti- https://contenti.com/bench-mount-tube-cutting-jig Item # 400-134		X
1 sheet (I recommend at least 2, 2x3" pieces for making samples)	18g copper, nu gold, or sterling silver sheet (for the pin mechanisms to be soldered onto)	Rio Grande- https://www.riogrande.com/product/Copper-6-x-12-Sheet-18-Ga-Dead-Soft/132118 Item # 132118		X
1 piece 1x1" or smaller	14g or 16g, copper, nu gold, or sterling sheet (a small piece for the catch of the double pin stem-you can get away with thinner metal, but thick is recommended)	Rio Grande- https://www.riogrande.com/product/Copper-6-x-12-Sheet-14-Ga-Dead-Soft/132114 Item #132114		X

1	Third hand and cross lock tweezers	Rio Grande- https://www.riogrande.com/product/round-third-hand-base-with-tweezers/502066 Item # 502066		x
6" per student	Hard Solder (wire)	Rio Grande- https://www.riogrande.com/product/silver-wire-solder-20-ga-hard/101704 Item # 101704		x
1	Solder snips	Rio Grande- https://www.riogrande.com/product/flush-cutters/111009 Item # 111009		x