

Pocosin Arts School of Fine Craft

Materials and Equipment

Instructor Name: Holland Houdek

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 call Laurel Fulton at (720) 939-6961 with any questions.

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

Specify Quantity per Student/ Studio	Item/Tool/ Material	Supplier/ Website/ & Item Number	Select One of the Following:	
			Instructor will send	Student will order
1 or many	Fretz Jeweler's, Rounded Narrow Raising Hammer, 2.4 oz. If you already have an assortment of sizes great, but a narrow raising hammer will be good for smaller works.	Rio Grande: https://www.riogrande.com/product/fretz-hmr-8-jewelers-rounded-narrow-raising-hammer-2-4-oz/112478 Item #: 112478 (this is one option of many to choose from on the site)		X
1	Planishing Hammer	Rio Grande: https://www.riogrande.com/searchresults#q=planishing%20hammer&t=products&sort=relevancy&layout=card&numberOfResults=36 Choose any from this site.		X
1	Forming Hammer: Or any steel hammer with a convex face that would be ideal for more forceful hammer blows to stretch and raise metal.	Rio Grande: https://www.riogrande.com/product/peddinghaus-forming-hammer-8-8-oz/112406 Item #: 112406		X

1	<p>Forging or other Cross Peen Hammers: Having an option of different sized cross peen hammers could be useful, but optional.</p>	<p>Rio Grande: https://www.riogrande.com/searchresults?q=forging%20hammers&t=products&sort=relevancy&layout=card&numberOfResults=36 Participants can choose from this general search.</p>		X
1 or many	<p>Rawhide Mallet: You could also use a plastic mallet. The mallet you chose should have a flat face. Multiples size mallets could be helpful.</p>	<p>Rio Grande: https://www.riogrande.com/product/rawhide-mallets/112209gp Choose your preference head weight</p>		X
1 or many	<p>Sinusoidal Stake(s)/ Anticlastic Stake(s): It can be steel, plastic, or wood. These can also be made in your home studio using wood.</p>	<p>Rio Grande: I have the medium size, but you can buy the small version if you work smaller. If you already have sinusoidal stakes or anticlastic stakes, the purchase below is not necessary. Eid Longhi medium Anticlastic Forming Stake: https://www.riogrande.com/product/eid-longhi-medium-anticlastic-forming-stake/112021 Item #: 112021</p>		X
Students can choose from the following	<p>Mushroom Stake or Domed Metal Stake: For larger work. Recommended.</p> <p>Dap and Punch Set: For smaller work.</p>	<p>Rio Grande: The links below are general searches through Rio Grande. Participants can select what they would like to purchase. Mushroom Stakes: https://www.riogrande.com/searchresults?q=mushroom%20stakes&t=products&sort=relevancy&layout=card&numberOfResults=36 Dap and Punch Set: https://www.riogrande.com/searchresults?q=dap%20and%20punch%20set&t=products&sort=relevancy&layout=card&numberOfResults=36</p>		X

1	Wood Dapping Block	Rio Grande: https://www.riogrande.com/product/wood-dapping-block-round/112447 Item #: 112447 This block is nice because it comes with four different dies to work from.		X
Recommended but optional	Two-by-Four Construction Lumber: This is only if you want to make your own wood dapping blocks. Hard woods such as maple or walnut will last longer, but pine works as well.	This is a great cost effective approach. The two-by-fours can be cut down to 4" or 6" long (or what will fit in the vise).		X
1	A Sturdy Vise	Any sturdy vise securely mounted to a stable surface will work.		X
1	Leather Work Gloves	Any fitted work gloves will work.		X
Generally needed	Soldering/Annealing Work Station: Acetylene, natural gas, or butane.	Torch, striker, soldering pan (pumice, pads, bricks, etc.), soldering pick, third-hand with base, tweezers, flush cutters, flux, pickle pot, ventilation		X
We might need this	Tapper Mandrel or Ring Mandrel: If you have a tapered stake it will work as well, as long as long as it comes to a fine point (you can slide a ring on and off it).	Rio Grande: https://www.riogrande.com/searchresults#q=ring%20mandrel&t=products&sort=relevancy&layout=card&numberOfResults=36 This link is for a general ring mandrel search through Rio Grande. You can select what mandrel you would like to purchase.		X
Generally needed	Anvil or Steel Block Work Surface	Rio Grande: https://www.riogrande.com/product/steel-bench-blocks/112570gp You will select the size you want. There are options.		X

Generally needed	20 or 22 gauge Copper, Brass, or NuGold	<p>Rio Grande: I recommend having at least a 12" x 12" (or two 6" x 12") sheet to work with, if not more.</p> <p>Copper: https://www.riogrande.com/product/copper-12-x-12-sheets-dead-soft/132160gp</p> <p>Brass: https://www.riogrande.com/product/jewelers-brass-6-x-12-sheet-dead-soft/130116gp</p>		X
1	Jewelers Saw: Your saw frame can range in size. The link is for a 6" frame	<p>Rio Grande: https://www.riogrande.com/product/jewelers-adjustable-6-saw-frame/110134</p>		X
1	Bench Pin	<p>Rio Grande: https://www.riogrande.com/product/v-slot-bench-pin-and-clamp/110010 Item #: 110010</p>		X
Generally needed	Files	Any metalsmithing files will work.		X
Generally needed	Pliers: An assortment could be useful. Half-round, flat-nose, needle-nose, chain-nose, etc.	<p>Rio Grande: https://www.riogrande.com/product/economy-four-piece-pliers-and-cutters-set/111909 Item #: 111909</p>		X
Generally needed	#2 Saw blades: Feel free to select the size you want. The link is for a pack of 144. You will not need this many blades for the workshop.	<p>Rio Grande: https://www.riogrande.com/product/Rio-2-Saw-Blade/110101</p>		X

Generally needed	Solder: While I recommend hard solder you can choose solder with different melting points.	Rio Grande: https://www.riogrande.com/product/Silver-Wire-Solder-20-Ga-Hard/101704 Item #: 101704 You will need to specify the amount you want. I recommend ordering in feet and in one single piece.		X
	Binding Wire	Rio Grande: https://www.riogrande.com/product/stainless-steel-round-wire-for-handling-and-binding/503076gp Participants will select their own dimensions. I personally like thicker binding wire.		X
Generally needed	Sandpaper: I recommend wet/dry abrasive sandpaper.	Rio Grande: https://www.riogrande.com/product/hermes-ws-flex-silicon-carbide-abrasive-papers/337343gp Participants can select their own grits.		X
Generally needed	Safety Glasses	Any safety glasses will work.		X
Highly Encouraged!	Hearing Protection: The link is for disposable earplugs. Any variety can be purchased.	Amazon: https://www.amazon.com/Honeywell-Visibility-Disposable-Earplugs-200-Pairs/dp/B0007XJOLG/ref=sr_1_5?dchild=1&keywords=disposable+hearing+protection&qid=1614369121&sr=8-5		X