

Pocosin Arts School of Fine Craft

Materials and Equipment

Instructor Name: Leah Hardy

Please consider carefully all the tools and materials you will need to successfully complete your workshop. Provide as much detail as possible. Please email your online coordinator at zoom@pocosinarts.org with any questions.

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

Quantity	Item / Tool / Material list	Supplier	Select one of the following	
			Instructor will send	Student will order
5-10	20 or 22 gauge copper sheet cut in 3"x3" or 4"x4" squares-- ANNEALED ideally; 24 or 26 gauge may be used if metal cannot be annealed	Riogrande.com or other metal supplier https://www.riogrande.com/product/copper-6-x-12-sheet-dead-soft/132114GP/?code=132120		X
1-2	1/4" plexi sheet cut into 3"x3" or 4"x4" squares (to match metal size)	Craft or hardware store or https://www.tapplastics.com/product/plastics/cut_to_size_plastic/acrylic_sheets_cast_clear/510/2013?utm_source=google&utm_medium=cpc&adpos=&scid=scplp2013&sc_intid=2013&qclid=CjwKCAjwvNaYBhA3EiwACgndggaKSEmHvDMmaScdGnBshBAdxvzRW1CjdYROrWjuma0CtER-q0RlixoCLp8QAvD_BwE		X
1	1/4" Masonite sheet cut into 3"x3" or 4"x4" squares OR additional plexi pieces (to match metal size)	Craft or hardware store		X
OPTIONAL	3"x3" or 4"x4" 20gauge nickel silver or brass to match plexi/Masonite size for additional strength of silhouette die	Riogrande.com or other metal supplier https://www.riogrande.com/product/nickel-alloy-6-x-12-sheet-dead-soft/131116GP/?code=131120		X

1	Saw frame w/blades for cutting 20/22g metal, e.g. #3/0 to #1 + beeswax or equiv. for lubrication	Riogrande.com or other metalsmithing/jewelry supplier https://www.riogrande.com/product/german-4-saw-frame-and-saw-blade-kit/110112GP/?code=110112		X
Misc.	Hand + finger files to file metal, plexi and Masonite (1/2 round + flat files will be used most); file cleaning brush; file handle is optional but provides more comfort when filing	Riogrande.com or other metalsmithing/jewelry supplier https://www.riogrande.com/product/friedrich-dick-half-round-hand-files/114711GP/?code=114709 https://www.riogrande.com/product/needle-file-set-cut-2-set-of-12/114257GP/?code=114257 https://www.riogrande.com/product/file-cleaning-brush/114471GP/?code=114471		X
1	Roll of strong packing tape	Craft or discount store		X
1	Good ball peen hammer OR forming hammer with round face (steel or nylon)	Riogrande.com or other metalsmithing/jewelry supplier https://www.riogrande.com/product/ball-peen-hammer-8-oz/119335GP/?code=119335 https://www.riogrande.com/product/pear-shaped-plastic-head-mallet-7.5-oz/112235GP/?code=112235		X
1	Safety glasses (wrap-around) + dust mask	Craft, discount or lumber store		X

OPTIONAL	Hydraulic Press w/80 + 60 durometer ½” urethane pads, 6”x6” square	<p>Riogrande.com or other metalsmithing/jewelry supplier</p> <p>https://www.riogrande.com/product/bonny-doon-classic-20-ton-manual-press--ram/110501GP/?code=110501</p> <p>https://www.riogrande.com/product/bonny-doon-6-x-6-square-urethanes-80-durometer/110332GP/?code=110336</p> <p>https://www.riogrande.com/product/bonny-doon-square-60-durometer-urethanes/110292GP/?code=110344</p>		X
Misc.	Finishing/sanding papers	<p>Riogrande.com, craft, discount or hardware store</p> <p>https://www.riogrande.com/product/3m-imperial-micro-finishing-film-assortment/337310GP/?code=337310</p>		X
OPTIONAL	Metal punches/stamps and/or texturing hammers	Riogrande.com, craft, discount or hardware store		X
1+	Spiral or twisted jeweler sawblades	<p>Riogrande.com or other supplier</p> <p>https://www.riogrande.com/product/high-quality-german-spiral-wax-saw-blades/110067GP/?code=110066</p>		X
Misc.	Sharpie markers (fine/extra fine); white paper; pen/pencil/eraser	Craft or discount store		X
1	Rubber cement	Craft or discount store		X

1	Dremel or Flexshaft w/misc. small drill bits for piercework and riveting (e.g. #55 fits 16g wire; #60 fits 18g wire)	<p>Riogrande.com or other supplier</p> <p>https://www.amazon.com/Dremel-3000-1-25-Attachment-Accessories/dp/B00LUJONH6/ref=asc_df_B00LUJONH6/?tag=&linkCode=df0&hvadid=309832851244&hvpos=&hvnetw=g&hvrnd=17094128210294630805&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=1028481&hvtargid=pla-489420063727&ref=&adgrpid=64417494871&th=1</p> <p>https://www.riogrande.com/product/foredom-m.sr-fct-sr-motor-with-h.30-handpiece-flex-shaft-systems/117534GP/?code=117534</p> <p>https://www.riogrande.com/product/flex-shaft-swing-away-motor-stand-42/117291GP/?code=117291</p>		X
1	Double-stick tape	Craft or discount store		X
OPTIONAL	Silica sand (fine)	Hardware store		X
1	5-in-1 steel scraper/spatula or other strong metal dull knife/spatula	<p>Hardware store</p> <p>https://www.amazon.com/Warner-ProGrip-Stiff-Glazier-90189/dp/B00011TGUG/ref=asc_df_B00011TGUG/?tag=hyprod-20&linkCode=df0&hvadid=198090983914&hvpos=&hvnetw=g&hvrnd=15295495328940215768&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=1028481&hvtargid=pla-318178154376&th=1</p>		X

Misc.	16g and/or 18g copper or brass wire for rivets	Riogrande.com or hardware store https://www.riogrande.com/product/copper-round-wire-4-oz.-spools-dead-soft/132450GP/?code=132451 https://www.riogrande.com/product/jewelers-brass-round-wire-4-oz.-spools-dead-soft/130500GP/?code=130501		X
Misc.	1/8" or 3/32" copper tubing w/same size drill bits for tube rivets	Hardware store carrying K&S Metals + drill bits https://ksmetals.com/collections/copper/products/cut014-1-8 https://ksmetals.com/collections/copper/products/cut014-3-32		X
OPTIONAL	Tube-cutting jig	Riogrande.com or other supplier https://www.riogrande.com/product/tubing-cutter-jig-with-sliding-gauge/113841GP/?code=113841		X
1	Center punch	Riogrande.com, other supplier or hardware store https://www.riogrande.com/product/del-rey-center-punch/118117GP/?code=118117		X
1	Small ball dapping punches w/ chasing hammer OR small ball peen hammer	Riogrande.com or other supplier https://www.riogrande.com/product/steel-24-piece-dapping-punch-set-with-block2/112929GP/?code=112929 https://www.riogrande.com/product/chasing-hammer-4-oz/112227GP/?code=112227		X

OPTIONAL	Small riveting hammer or very small ball peen hammer	Riogrande.com or other supplier https://www.riogrande.com/product/riveting-hammer-1-oz/112195GP/?code=112195		X
1	Drill bit gauge and/or metal gauge	Riogrande.com or hardware store https://www.riogrande.com/product/british-standard-sheet-and-wire-gauge/116231GP/?code=116231 https://generaltools.com/drill-gage-for-nos-1-to-60-bits		X
1	Metal rule (with mm measurements)	Hardware or art store		X
Misc.	Pliers: flat nose, round-nose, tapered chain nose, cutting (flush cutting optional)	Riogrande.com or craft store https://www.riogrande.com/product/economy-four-piece-pliers-and-cutters-set/111909GP/?code=111909 https://www.riogrande.com/product/beadsmith-casual-comfort-flush-cutters/111258GP/?code=111258		X
1	Fixed or clamp-on vise	Riogrande.com or hardware store https://www.riogrande.com/product/durston-small-clamp-on-bench-vise/113404GP/?code=113404		X

1	Steel bench block (separate or one embedded in clamp-on vise)	<p>Riogrande.com or other supplier</p> <p>https://www.riogrande.com/product/rubber-and-steel-combination-bench-block-2.5-x-2.5/111373GP/?code=111373</p> <p>OR</p> <p>https://www.riogrande.com/product/rubber-and-steel-combination-bench-block-3-78-x-3-78/111211GP/?code=111211</p>		X
OPTIONAL	Micro-hardware nuts + bolts, size: 00-90 or 0-80 w/appropriate tools: small "EZ socket wrenches" for hex heads OR small screwdriver for slotted heads	<p>Micromark.com, reactivemetals.com or riogrande.com</p> <p>https://www.micromark.com/25-Nuts-00-90</p> <p>and</p> <p>https://www.micromark.com/Hex-Screws-pack-of-25</p> <p>OR</p> <p>https://www.micromark.com/Round-Screws-Package-of-25</p> <p>Optional:</p> <p>https://www.micromark.com/Universal-Mini-Nut-Starter</p> <p>https://www.reactivemetals.com/mini-nuts-bolts</p>		X
OPTIONAL	Drill bits: #55 (holes for 00-90 bolts) and/or #52 (holes for 0-80 bolts)	<p>Hardware store or Riogrande.com</p> <p>https://www.riogrande.com/product/high-speed-steel-twist-drills/349410GP/?code=349414</p>		X
OPTIONAL	Thick plastic from yogurt or food containers to fabricate small hardware washers	Check your recycling bin		X

