

Pocosin Arts *School of Fine Craft*

Materials and Equipment

Instructor Name: Tom Muir

Please consider carefully all the tools and materials you will need to complete your workshop successfully. 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 ensures that you purchase exactly what you need.

Quantity	Item / Tool / Material list	Supplier
1	Round-nose pliers	Rio Grande: https://www.riogrande.com/product/round-nose-pliers/111913?code=111913
1	Chain-nose pliers	Rio Grande: https://www.riogrande.com/product/chain-nose-pliers/111911?code=111911
1	Flat-nose pliers	Rio Grande: https://www.riogrande.com/product/flat-nose-pliers/111912?code=111912
1	Snips/cutters	Rio Grande: https://www.riogrande.com/product/xuron-2175f-maxi-shear-flush-cutters-with-retainer/111277?code=111277
1	Saw Frame	Rio Grande: https://www.riogrande.com/product/jewelers-adjustable-4-saw-frame/110132?code=110132
2 - 3	Package of 2/0 sawblades	Rio Grande: https://www.riogrande.com/product/Herkules-White-Label-40-Saw-Blade/110032?code=110035
1	Bench Pin	Rio Grande: https://www.riogrande.com/product/fancy-v-slot-bench-pin-and-clamp/110013?code=110013
1	Half-round file, #2 Cut	Rio Grande: https://www.riogrande.com/product/Friedrich-Dick-Half-Round-Hand-File-Cut-2/114708?code=114708
1	Set of 6 – 12 needle files	Rio Grande: https://www.riogrande.com/product/needle-file-set-cut-2-set-of-12/114257?code=114257
1	Flex shaft or micro motor	Rio Grande: https://www.riogrande.com/product/Prodigy-Flex-Shaft-System-with-Key-Type-Handpiece/117095?code=117095220
1	Metal scribe	Rio Grande: https://www.riogrande.com/product/double-ended-etching-scribe/118455?code=118455

1	Rawhide/plastic mallet	Rio Grande: https://www.riogrande.com/product/Rawhide-Mallet-6-oz/112215?code=112209
1	6" steel ruler	Rio Grande: https://www.riogrande.com/product/steel-ruler-with-conversion-chart/116086?code=116086
1 of each	Sheet silicon carbide sandpapers: 220, 400, and 600 grits	Hardware store or Amazon: 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=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyM0I1RFAwSE9YNEk1JmVuY3J5cHRIZElkPUeWOTI4ODQyTVVaUDZYRDZMSVkzJmVuY3J5cHRIZEFkSWQ9QTAWNTE5MzRVTEpJWVVS1NYTFEmd2lkZ2V0TmFtZT1zcF9hdGYmYWN0aW9uPWNsaWNrUmVkaXJlY3QmZG90b3Rmb2dDbGljaz10cnVl
1	Dividers, 2 - 3"	Rio Grande or Otto Frei: https://www.riogrande.com/product/dividers-with-carbide-tips/116225GP/?code=116225
1	Dapping set	Harbor Freight or Rio Grande: https://www.riogrande.com/product/steel-24-piece-dapping-punch-set-with-block/112929?code=112929
1+	Fireproof surface	Home Depot or Amazon: https://www.homedepot.com/p/Daltile-Selwyn-Bianco-Calacatta-12-in-x-12-in-Glazed-Porcelain-Floor-and-Wall-Tile-0-97-sq-ft-Each-SL601212HD1P6/307730096
1+	Solderite pad or soft firebrick	Rio Grande: https://www.riogrande.com/product/Solderite-Pad-Hard-6-x-6-x-12/502063?code=502063
1	Charcoal block, hardwood preferred	Rio Grande: https://www.riogrande.com/product/Long-Life-Hard-Charcoal-Soldering-Block-5-12/502027?code=502025
1	Torch capable of soldering ring-sized objects. If using Smith type single cylinder acetylene torch, tips 0 and 1 will be needed.	Rio Grande: https://www.riogrande.com/product/smith-complete-little-torch-acetylene-and-oxygen-system/500030?code=500030 OR https://www.riogrande.com/product/smith-silver-smith-acetylene-and-air-torch-kit-with-tank/500109nw?code=500109NW
1	Torch striker	Rio Grande: https://www.riogrande.com/product/torch-striker/50302515?code=50302515
1	Tweezers with fine points for solder	Rio Grande: https://www.riogrande.com/product/titanium-tweezers-assortment-set-of-3/115561?code=115561
1	Soldering Pick. Steel coat hanger will work	Rio Grande: https://www.riogrande.com/product/titanium-soldering-pick-set-3/503019?code=503019
1	Third hand with cross-lock tweezers. Pointed tweezers preferred	Rio Grande: https://www.riogrande.com/product/round-third-hand-base-with-tweezers/502066?code=502066

1	Handy Flux, 1 oz. paste form	Rio Grande: https://www.riogrande.com/product/Handy-Flux-Paste-with-Brush-for-Soldering-and-Annealing/504084?code=504084
1	Copper tongs for pickle.	Rio Grande: https://www.riogrande.com/product/heavy-duty-bent-copper-tongs/501017?code=501017
6"+ of each grade	Hard and Medium silver solder	Rio Grande: https://www.riogrande.com/product/silver-wire-solder-22-ga/101707gp?code=101707
3+ oz.	Pickle	Rio Grande: https://www.riogrande.com/product/Rio-Pickle-for-Non-Ferrous-Metals-3-lbs/5010233?code=5010233
1	Crockpot or lidded glass container for pickle	Amazon or Hardware store: https://www.amazon.com/MST-250XS-Electric-Adjustable-Dishwasher-Stainless/dp/B008GS8R3K/ref=sr_1_4?dchild=1&keywords=small+crockpot&qid=1605047658&s=home-garden&sr=1-4
1	Small, inexpensive, natural hair brush for flux. Fine points preferred.	Hobby store.
1	Small bottle of Dawn or other grease-cutting detergent.	Food store.
1	Transfer punch set	Harbor Freight: https://www.harborfreight.com/28-piece-transfer-punch-set-3577.html?cid=paid_bing 3577&utm_source=bing&utm_medium=cpc&utm_campaign=&utm_content=&sclid=75e3a0d16c0615b9e974c19637106d74
1	Diamond flame burr(Item #: 343166)	Rio Grande: https://www.riogrande.com/product/edenta-diamond-flame-bur-1-2mm/343166?code=343166
6" +	Nickel Silver, nu-gold, or brass, 14 gauge ½ round	Amazon: https://www.amazon.com/Ounce-Nickel-Silver-Wire-Gauge/dp/B074PJL19M/ref=sr_1_9?dchild=1&hvadid=77721853772306&hvbmt=bb&hvdev=c&hvqmt=p&keywords=nickel+silver+wire&qid=1632066849&sr=8-9
12"+	Nickel Silver, nu-gold, or brass, 14 gauge round	Amazon: https://www.jewelrystore.com/Nickel-Silver-Wire-Round-14ga-10-Ft_p_10469.html
4 x 4"	Brass sheet, 24 gauge	Online Metals: https://www.onlinemetals.com/en/buy/brass/0-02-brass-sheet-260-h02/pid/1589
12"	Brass Tubing, ¼" OD x .014 wall thickness	K&S Metal: https://ksmetals.com/collections/12-round-brass-tubing/products/br01436-1-4

12"	Brass Tubing, 9/32" OD x .014 wall thickness	K&S Metal: https://ksmetals.com/collections/12-round-brass-tubing/products/br01436-9-32
12"	Brass Tubing, 5/32" OD, .014 wall thickness	K&S Metal: https://ksmetals.com/collections/12-round-brass-tubing/products/br01436-5-32
12" +	Stainless steel wire, 24 gauge, .020 diameter, #8	Jann's Netcraft: https://www.jannsnecraft.com/311665?quantity=1&diameter=1228
1	Black or Blue medium tip Sharpie Marker	Hobby, office supply, or food store
1 pint	Isopropyl or Denatured Alcohol	Hardware or Drug Store
1+ pints	Boric acid, fine powder form. (Sold as roach killer in the hardware store)	Hardware Store
1	Pint glass or plastic jar with lid, wide mouth	Hardware or Food Store
1	Inexpensive brush, approximately ½ -1" wide	Hardware store
1	Masking tape, approximately ¾" wide	Hardware store
3	#52 high speed drill bit	Rio Grande: https://www.riogrande.com/product/high-speed-steel-twist-drills/349410GP/?code=349411
3	#55 high speed drill bit	Rio Grande: https://www.riogrande.com/product/high-speed-steel-twist-drills/349410GP/?code=349414
10+	T-pins	Fabric store
1	Miter Cutting Jig and Vise (Optional), Item #: 112701 or 113596	Rio Grande: https://www.riogrande.com/product/miter-cutting-vise-and-jig-45-60-and-90-angles/112701?code=112701

1	Digital Calipers(Optional), 6 - 12", Item #: 115124	Rio Grande: https://www.riogrande.com/product/del-rey-digital-caliper-6/115124?code=115124
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