

Pocosin Arts *School of Fine Craft*

Materials and Equipment

Instructor Name: Sarah C Chapman

Please consider carefully all the tools and materials you will need to successfully complete your workshop. Provide as much detail as possible. 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.

Quantity	Item / Tool / Material list	Supplier		
	Hydraulic press	https://www.riogrande.com/product/bonny-doon-classic-20-ton-manual-press-and-ram/110501 or https://potterusa.com/1975-20-standard-hydraulic-press-		
	Urethane Assortment	https://www.riogrande.com/product/bonny-doon-square-8-piece-urethane-assortment-6l-x-6w/110268		
	Steel Silhouette Die - You can choose any shape die you like but opening should be larger then 1" x 1" to accommodate the found object you have chosen to incorporate in your piece.	For example: https://potterusa.com/43-silhouette-die-103-scd-lgst-trillion		
	Small objects to incorporate into piece (Small shells, cabochon stones, buttons, or coins, for example) Approximate measurements should not exceed 1" x 1" x 1/2". Have several options so we can discuss which will work the best.			

	Small and light weight riveting hammer	For example: https://www.riogrande.com/product/riveting-hammer-1-oz/112195 OR fancy option: https://www.ncblack.com/product/j-hammer		
	Nylon or raw hide mallet	For example: https://www.riogrande.com/product/nylon-head-mallet-5-oz/119327		
	Pancake Die	You can choose any shape die you like, this is an example: https://potterusa.com/378-pancake-die-511b-		
	Soldering torch to anneal metal and fuel for the torch.	https://www.riogrande.com/product/durston-cyclone-blow-torch/500252		
	Pumice pan or fireproof surface to anneal metal	https://www.riogrande.com/product/Annealing-Pan-with-Pumice-7-dia/502046		
	Pickle pot and pickle of your choice	https://www.riogrande.com/product/daddy-dipper-pickle-pot-with-clear-lid/501022 https://www.riogrande.com/product/rio-pickle-for-non-ferrous-metals/501023gp		
	Fire extinguisher			
	Copper tongs	https://www.riogrande.com/product/heavy-duty-curved-copper-tweezers/501017		
	Jewelers saw frame	https://www.greenlionstudios.com/shop-shop/sawframe		
	Saw blades (any size you like to work with from 3/0 to 1)	For example: https://www.riogrande.com/product/Jewelers-10-Saw-Blade/110193		
	Bench pin / clamp	Whatever model/style you like		

	Steel bench block or something similar	https://www.riogrande.com/product/Steel-Bench-Block-4-x-4-x-34/112570		
	Steel center punch to alter for tube rivet punch	https://www.riogrande.com/product/center-punch/118116		
	Optional * Cup Burs for finishing the ends of rivets	https://www.riogrande.com/product/LYNX-Cup-Bur-21mm/344553		
	Assorted hand files	For example: https://www.riogrande.com/product/Friedrich-Dick-Key-File-Set-Cut-3-Set-of-6/114872		
	Assorted metal finishing things – what ever you generally like to work with – sand paper, sanding sponges, rotary hand tool sanding discs, etc.			
	22g Copper sheet, 10 to 12 annealed pieces cut to your choice of 2.50" x 2.50" OR 3" x 3"	2 - 6" x 2" or 1 - 12" x 12" depending on what you have to cut sheets down to smaller sizes. https://www.allcraftusa.com/product.asp?strParents=98,237,238&CAT_ID=249&P_ID=10200		
	20g Brass sheet 3" x 3", half-hard or work-hardened.	https://www.allcraftusa.com/product.asp?strParents=98,264,268&CAT_ID=279&P_ID=10224		
	Dremel OR Flex shaft OR Rotary tool that will accommodate using drill bits and sanding accessories.			
	Copper tube 3/32 O.D. for tube rivets Comes in 12" lengths, you'll need about 1" for this project.	https://ksmetals.com/collections/copper/products/cut014-3-32		
	3/32 drill bit to correspond with copper tube for tube rivets	https://www.homedepot.com/p/Milwaukee-3-32-in-Cobalt-Red-Helix-Twist-Drill-Bit-48-89-2303/203115289		
	Optional * tube cutter jig	https://www.riogrande.com/product/tubing-cutter-jig/113839		
	Optional * 2"x3" 16g brass – material for cutting your own embossing template.	https://www.allcraftusa.com/product.asp?strParents=98,264,268&CAT_ID=275&P_ID=10218		

	Optional * 24g to 18g round wire assortment of your choice in copper, brass, OR sterling silver for embossing, wire wrapping, stitching, and staples			
	Optional * Jump ring assortment – for connecting metal quilt squares	For example: https://www.firemountaingems.com/itemdetails/h20b5419fn		
	Found steel or brass items to emboss. Items like washers, paper clips, e-clips, old keys, etc. that can withstand the pressure of the press. Keep in mind items will get damaged by the press. *Also avoid anything like nails, screws, or pins that are not safe to use in the press.	For example: https://www.homedepot.com/p/Everbilt-1-4-in-Stainless-Steel-Flat-Washer-25-Pack-812150/302007766 https://www.homedepot.com/p/Everbilt-1-4-in-Zinc-Plated-Steel-Internal-Tooth-Lock-Washer-18-Pack-802811/204276525 https://www.homedepot.com/p/1-8-in-x-1-in-Stainless-Cotter-Pins-3-Piece-812688/204276285		
	2" 18g round wire in sterling silver, copper, OR, brass - your choice for rivets			
	#60 drill bits to correspond with 18g wire for rivets	https://www.riogrande.com/product/High-Speed-Steel-Twist-Drill-60-102mm/349419		
	Round nose pliers, chain nose pliers, and wire cutters of your choice	For example: https://www.riogrande.com/product/rio-grande-german-four-piece-slimline-pliers-and-cutters-set/111095		
	Blue tape	https://www.homedepot.com/p/3M-ScotchBlue-1-41-in-x-60-yds-Original-Multi-Surface-Painter-s-Tape-2090-36AP/202077779		
	Optional * Liquid Bur Life	https://www.riogrande.com/product/burlife-liquid-lubricant/117985		
	Optional * Beads and buttons to incorporate into your design			
	Optional * Metal stamps or texturing hammer			

	Optional * Miniature nuts and bolts	https://www.reactivemetals.com/mini-nuts-bolts OR https://model-motorcars.myshopify.com/collections/small-parts-hardware		
	Optional * Drill bit to correspond with whatever miniature bolts you choose			
	Optional * Two plastic or glass containers large enough to accommodate your metal pieces for patina process. I use recycled take-out containers.			
	Optional * Brass brush	https://www.riogrande.com/product/brass-wire-bristle-brush/113172		
	Optional * Liver of Sulfur Gel	https://www.riogrande.com/product/midas-liver-of-sulfur-xl-gel/331033		
	Optional * Renaissance Paste Wax	https://www.amazon.com/Renaissance-XTL-8004-Wax-Polish-65ml/dp/B003AJWN62/ref=sr_1_3?crid=RNC043MDNKW9&keywords=renaissance+paste+wax&qid=1650644415&prefix=renaissance+paste%2Caps%2C187&sr=8-3		
	Optional * Silhouette Die Blanks	https://www.riogrande.com/product/bonny-doon-silhouette-die-blank-3l-x-3w-x-1-4h/1102932		
	Optional * Skip tooth saw blades #7	https://www.riogrande.com/product/Skip-Tooth-7-Saw-Blade/110237		