

**Materials and Equipment**

Instructor Name: Alisa Looney

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/ Studio	Item/Tool/ Material	Supplier/ Website/ & Item Number	Select One of the Following:	
			Instructor will send	Student will order
6 panels 3x3 inches	Pre-enameled steel: Blackboard	<a href="https://jewelrywithgems.com/product/black-porcelan-24-g-plates/">https://jewelrywithgems.com/product/black-porcelan-24-g-plates/</a>		x
3 panels 3x3 inches	Pre-enameled steel: Whiteboard	<a href="https://enamel-warehouse.com/product/3-x-3-thin-steel-plate-28-gauge-with-ground-coat-and-white-on-face-side-ground-coat-only-on-back-side/">https://enamel-warehouse.com/product/3-x-3-thin-steel-plate-28-gauge-with-ground-coat-and-white-on-face-side-ground-coat-only-on-back-side/</a>		x

5 or more pieces	Copper pre-cut shapes 1-1.5" 20-24ga	choose from these or any shape will work, flat and/or formed (or make our own): <ul style="list-style-type: none"> <li>- Pack of 6 Round Disks – 1-1/2 inch diameter 18 gauge <a href="https://enamel-warehouse.com/product/six-one-and-one-half-inch-1-1-2-copper-disks-18-gauge/">https://enamel-warehouse.com/product/six-one-and-one-half-inch-1-1-2-copper-disks-18-gauge/</a></li> </ul> <p>Or</p> <ul style="list-style-type: none"> <li>- Tear Drops, 3/4" w x 1-1/4" h, 24 gauge, pack of 6 <a href="https://enamel-warehouse.com/product/six-copper-tear-drops-24-gauge/">https://enamel-warehouse.com/product/six-copper-tear-drops-24-gauge/</a></li> </ul>		x
2 bags, 8oz ea.	Thompsons liquid 533 white for granular spray	Note: we will be collecting overspray for reuse. <a href="https://enamel-warehouse.com/product/533-white-my-favorite-sgraffito-liquid-white-8-oz-dry-powder-form-liquid-enamel/">https://enamel-warehouse.com/product/533-white-my-favorite-sgraffito-liquid-white-8-oz-dry-powder-form-liquid-enamel/</a>		x
1	BMC Watercolor Enamel set from Thompsons	BMC Watercolor enamel set <a href="https://enamel-warehouse.com/product/bwc-set-water-color-enamels-set-of-9-now-contains-white-white-clear-green-red-yellow-orange-brown-blue-and-black/">https://enamel-warehouse.com/product/bwc-set-water-color-enamels-set-of-9-now-contains-white-white-clear-green-red-yellow-orange-brown-blue-and-black/</a>		x
1	Starter Kit Thompsons Lusters	Starter kit Thompson Lusters <a href="https://enamel-warehouse.com/product/lusters-trial-pack-12-colors-great-deal/">https://enamel-warehouse.com/product/lusters-trial-pack-12-colors-great-deal/</a>		x
1	Starter Spray Equipment: Spra-Tool (or advanced spray system option, see below)	<a href="https://enamel-warehouse.com/product/spra-tool-kit-great-for-granular-spray-klvr-fire/">https://enamel-warehouse.com/product/spra-tool-kit-great-for-granular-spray-klvr-fire/</a>		x
1	Spra-Tool Refill can of air	<a href="https://enamel-warehouse.com/product/spra-tool-refill-great-for-granular-spray/">https://enamel-warehouse.com/product/spra-tool-refill-great-for-granular-spray/</a>		x

1	80 mesh larger sifter (this one is pre-made, or make your own large sifter option, see instructions below)	<a href="https://thompsonenamel.com/product/stackable-screens/">https://thompsonenamel.com/product/stackable-screens/</a>		x
1	stiff brushes, Large brush for pushing liquid enamel through sifter, smaller brushes for sgraffito.	<a href="https://www.amazon.com/Creative-Mark-Original-Scrubber-Watercolor/dp/B0049UVHGI/ref=sr_1_1?dchild=1&amp;keywords=scrubber+paint+brush&amp;qid=1614153101&amp;sr=8-1">https://www.amazon.com/Creative-Mark-Original-Scrubber-Watercolor/dp/B0049UVHGI/ref=sr_1_1?dchild=1&amp;keywords=scrubber+paint+brush&amp;qid=1614153101&amp;sr=8-1</a>		x
1	hole punch	<a href="https://www.silverajewelry.com/store/w/id/1139/c/316/t/hole-punches/n/two-hole-metal-punch/details.asp">https://www.silverajewelry.com/store/w/id/1139/c/316/t/hole-punches/n/two-hole-metal-punch/details.asp</a>		x
1	alundum stone	<a href="https://enamel-warehouse.com/product/small-alundum-stone-perfect-to-take-for-classes/">https://enamel-warehouse.com/product/small-alundum-stone-perfect-to-take-for-classes/</a>		x
1	small metal file (or set)	<a href="https://www.silverajewelry.com/store/w/id/1988/c/391/t/needle-files/n/needle-file-set--6-files/details.asp#">https://www.silverajewelry.com/store/w/id/1988/c/391/t/needle-files/n/needle-file-set--6-files/details.asp#</a>		x
1	Metal shears	<a href="https://www.silverajewelry.com/store/w/id/1999/c/412/t/shears/n/pro-shear/details.asp">https://www.silverajewelry.com/store/w/id/1999/c/412/t/shears/n/pro-shear/details.asp</a>		x
Pack of 50 or more	straight pins, 1.5 to 2 inch	<a href="https://www.amazon.com/Straight-Corsage-Quilting-Dressmaker-Decoration/dp/B08DK9DM13/ref=sr_1_21?dchild=1&amp;keywords=straight+sewing+pins+50+pack&amp;qid=1621665829&amp;s=arts-crafts&amp;sr=1-21">https://www.amazon.com/Straight-Corsage-Quilting-Dressmaker-Decoration/dp/B08DK9DM13/ref=sr_1_21?dchild=1&amp;keywords=straight+sewing+pins+50+pack&amp;qid=1621665829&amp;s=arts-crafts&amp;sr=1-21</a>		x

1	epoxy putty	<a href="https://www.amazon.com/Gorilla-4242501-Epoxy-Putty/dp/B07PGKYF5X/ref=sr_1_2_sspa?dchild=1&amp;keywords=epoxy+putty&amp;qid=1613935834&amp;sr=8-2-spons&amp;psc=1&amp;spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFSRUNGTfIKVDFKS0MmZW5jcnlwdGVkSWQ9QTA4NDc0MTJBSzJNMVpWTORPU1UmZW5jcnlwdGVkQWRJZD1BMDUzNDA1NzIWRzFCOUZVQUxBWiZ3aWRnZXROYW1IPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdE xvZ0NsaWNrPXRydWU=">https://www.amazon.com/Gorilla-4242501-Epoxy-Putty/dp/B07PGKYF5X/ref=sr_1_2_sspa?dchild=1&amp;keywords=epoxy+putty&amp;qid=1613935834&amp;sr=8-2-spons&amp;psc=1&amp;spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFSRUNGTfIKVDFKS0MmZW5jcnlwdGVkSWQ9QTA4NDc0MTJBSzJNMVpWTORPU1UmZW5jcnlwdGVkQWRJZD1BMDUzNDA1NzIWRzFCOUZVQUxBWiZ3aWRnZXROYW1IPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdE xvZ0NsaWNrPXRydWU=</a>		x
1	large plastic bin with lid (or drawer) to store pieces while in process	<a href="https://www.amazon.com/Rubbermaid-Commercial-FG330700CLR-Food-2-gallon/dp/B00063KZX8/ref=sr_1_35?crid=17PLNJCRCN2PB&amp;dchild=1&amp;keywords=plastic+storage+bin+shallow+with+lid&amp;qid=1613936217&amp;srefix=plastic+storage+bin+shallow%2Caps%2C281&amp;sr=8-35">https://www.amazon.com/Rubbermaid-Commercial-FG330700CLR-Food-2-gallon/dp/B00063KZX8/ref=sr_1_35?crid=17PLNJCRCN2PB&amp;dchild=1&amp;keywords=plastic+storage+bin+shallow+with+lid&amp;qid=1613936217&amp;srefix=plastic+storage+bin+shallow%2Caps%2C281&amp;sr=8-35</a>		x
2	rectangular white plastic party table cloths	<a href="https://www.partycity.com/white-plastic-table-cover-4817.html?extcmp=pla%7CGoogle&amp;gclid=CjwKCAjwTJ2FBhAuEiwAIKu19jdf1p5y9ujS81oxxY5ZoFosSRbUNcXu4qyXvkS_62tczrAw2cLD_BoC6_cQAvD_BwE&amp;gclsrc=aw.ds">https://www.partycity.com/white-plastic-table-cover-4817.html?extcmp=pla%7CGoogle&amp;gclid=CjwKCAjwTJ2FBhAuEiwAIKu19jdf1p5y9ujS81oxxY5ZoFosSRbUNcXu4qyXvkS_62tczrAw2cLD_BoC6_cQAvD_BwE&amp;gclsrc=aw.ds</a>		x
2-3	watercolor brushes, various sizes, (Alisa's favorite brush for watercolor enamels)	<a href="https://www.dickblick.com/products/utrecht-synthetic-sablette-brushes/">https://www.dickblick.com/products/utrecht-synthetic-sablette-brushes/</a>		x
1	One large very soft brush, (or blush brush or photo brush and/or air bulb)	<a href="https://www.amazon.com/wet-n-wild-Blush-Brush/dp/B01EO2KP2M/ref=sr_1_5?crid=3D3QKOE5T9EYK&amp;dchild=1&amp;keywords=blush+brush&amp;qid=1613936676&amp;srefix=blush+%2Caps%2C227&amp;sr=8-5">https://www.amazon.com/wet-n-wild-Blush-Brush/dp/B01EO2KP2M/ref=sr_1_5?crid=3D3QKOE5T9EYK&amp;dchild=1&amp;keywords=blush+brush&amp;qid=1613936676&amp;srefix=blush+%2Caps%2C227&amp;sr=8-5</a>		x
1	box fan or smaller fan	<a href="https://www.homedepot.com/p/Lasko-20-in-3-Speed-White-Box-Fan-with-Save-Smart-Technology-for-Energy-Efficiency-B20201/203072133#product-overview">https://www.homedepot.com/p/Lasko-20-in-3-Speed-White-Box-Fan-with-Save-Smart-Technology-for-Energy-Efficiency-B20201/203072133#product-overview</a>		x

1	Large cardboard box (Or smaller box if using small fan-fan to fit inside box)	<a href="https://www.uhaul.com/MovingSupplies/Boxes/Clothing-Moving-Boxes/Shorty-Wardrobe-Box/?id=3269">https://www.uhaul.com/MovingSupplies/Boxes/Clothing-Moving-Boxes/Shorty-Wardrobe-Box/?id=3269</a>		x
1	<p>OPTIONAL TOOLS:</p> <p><b>Advanced spray system (optional):</b> You may choose to use this set up (in place of spratool and refill) if you plan to continue this granular spray process long-term. (set up prior to class)</p> <p><b>1 each:</b> <b>Air Compressor</b></p>	<p><b>Air Compressor:</b> Purchase from a local Building or hardware store. Air Compressor with hose, and ¼ inch standard male and female fittings, air pressure gauge, with minimum 50 psi, and 4.2 cp. <a href="https://www.homedepot.com/p/Husky-8G-150-PSI-Hotdog-Air-Compressor-0300816/302862402">https://www.homedepot.com/p/Husky-8G-150-PSI-Hotdog-Air-Compressor-0300816/302862402</a></p>		x
1	<b>Critter Spray Gun:</b>	<p><b>Critter Spray Gun:</b> This model works great and is easy to clean with interchangeable ball jars. <a href="https://www.amazon.com/Critter-Spray-Products-22032-Siphon/dp/B00006FRPJ">https://www.amazon.com/Critter-Spray-Products-22032-Siphon/dp/B00006FRPJ</a></p>		

	OPTIONAL TOOLS:  <b>If you prefer to make your own large sifter rather than using the premade sifter:</b>			x
1	80 mesh screen for making your own large sifter	<a href="https://thompsonenamel.com/product/stainless-steel-wire-screen/">https://thompsonenamel.com/product/stainless-steel-wire-screen/</a>		
1	Recycled plastic jar, with 3.5 to 4 inch diameter opening	recycled screw top plastic jar - i.e. vitamin jar		
1	goop adhesive (previous name: plumbers goop).	<a href="https://www.amazon.com/Amazing-GOOP-170011-Marine-Adhesive/dp/B000BQUI7S/?ref=asc_df_B000BQUI7S/?tag=hyprod-20&amp;linkCode=df0&amp;hvadid=198107671117&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=10455778436708788764&amp;hvppone=&amp;hvptwo=&amp;hvqmt=&amp;hvdev=c&amp;hvdvcmdl=&amp;hvlocint=&amp;hvlocphy=9029557&amp;hvtargid=pla-351931061417&amp;psc=1">https://www.amazon.com/Amazing-GOOP-170011-Marine-Adhesive/dp/B000BQUI7S/?ref=asc_df_B000BQUI7S/?tag=hyprod-20&amp;linkCode=df0&amp;hvadid=198107671117&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=10455778436708788764&amp;hvppone=&amp;hvptwo=&amp;hvqmt=&amp;hvdev=c&amp;hvdvcmdl=&amp;hvlocint=&amp;hvlocphy=9029557&amp;hvtargid=pla-351931061417&amp;psc=1</a>  <b>How to make your own large 80-mesh sifter (do before class):</b> Use a soft plastic screw top jar, cut off the bottom of the jar. Cut 80 mesh screen to match the size of the jar's screw top end, and glue around the edges with plumber's goop. Let dry 24 hrs. You will need to make this ahead of time.		

**Supplies and equipment students will need to have available in their studio:**

- Kiln such as: <https://www.paragonkilns.com/collections/jewelry/products/sc2-portable-kiln-free-shipping>

- firing rack, firing fork, gloves and timer

1 to 3- trivets: <https://enameling.com/Trivets.html>

such as the following in this size:

No.	Firing Area	Height	Price
<b>TP-350</b>	3-1/2"	3-1/8"	\$6.50

or

**WST-2** 3-3/8" point to point, \$7.00

- Dust mask (N95 best) <https://www.homedepot.com/p/3M-8511-N95-Sanding-and-Fiberglass-Valved-Respirator-1-Pack-8511HA1-C-PS/202080145>
- safety glasses and magnifying glasses or optivisor
- Comet cleaner and LA's totally Awesome degreaser (dollar store), or penny brite
- dawn dish soap
- toothbrush, green scrubby and rags
- sand paper 200 grit
- sgraffito tools:
  - Bamboo skewers, small hair comb (broken into smaller pieces), old tooth brush,
  - tooth picks, stiff short bristled brushes, calligraphy pens, dental tools
  - (Have fun finding pointed or textured tools - be creative)
- Old ball point writing pen (to make Pin-Pen sgraffito tool)
- card board (or foam board) 5 sheets cut to 5x5 inches, 2 sheets cut to 6x10 inches, 1 sheet cut to 10x10 inches
- utility knife, packing tape
- tracing paper, pencil, sharpie
- jar for water, paper towels
- two large yogurt containers with lids, washed and dried
- Sketches or favorite royalty-free images to work from
- Leather gloves for cutting and handling metal
- Wear work clothes, preferably cotton or wool - NO synthetics, and wear closed-toed shoes.

### Optional Studio Supplies:

1 - Lazy Susan (optional) [https://www.amazon.com/Puroma-Rotating-Turntable-Decorations-Pastries/dp/B089NMDCL3/ref=sxin\\_9\\_ac\\_d\\_pm?ac\\_md=1-0-VW5kZXIgjDEw-ac\\_d\\_pm&cv\\_ct\\_cx=plastic+turntable&dchild=1&keywords=plastic+turntable&pd\\_rd\\_i=B089NMDCL3&pd\\_rd\\_r=6ce4ad9b-c69e-45d4-a799-adc230a73927&pd\\_rd\\_w=t3UJl&pd\\_rd\\_wg=j09u4&pf\\_rd\\_p=36deca3f-0240-4c64-a598-47f52c2ef1fb&pf\\_rd\\_r=TMN7VYCDDACC36MANM5P&psc=1&qid=1615046723&sr=1-1-22d05c05-1231-4126-b7c4-3e7a9c0027d0](https://www.amazon.com/Puroma-Rotating-Turntable-Decorations-Pastries/dp/B089NMDCL3/ref=sxin_9_ac_d_pm?ac_md=1-0-VW5kZXIgjDEw-ac_d_pm&cv_ct_cx=plastic+turntable&dchild=1&keywords=plastic+turntable&pd_rd_i=B089NMDCL3&pd_rd_r=6ce4ad9b-c69e-45d4-a799-adc230a73927&pd_rd_w=t3UJl&pd_rd_wg=j09u4&pf_rd_p=36deca3f-0240-4c64-a598-47f52c2ef1fb&pf_rd_r=TMN7VYCDDACC36MANM5P&psc=1&qid=1615046723&sr=1-1-22d05c05-1231-4126-b7c4-3e7a9c0027d0)

1 - transfer paper (optional) <https://www.michaels.com/transfer-paper/10065583.html?productsource=PDPYMAL>

1 - calligraphy pen set with various tips for sgraffito lettering or thick and thin lines (optional) [https://www.amazon.com/dp/B08Y5C947V/ref=sspa\\_dk\\_detail\\_5?psc=1&pd\\_rd\\_i=B08Y5C947V&pd\\_rd\\_w=h2oUj&pf\\_rd\\_p=7771f1a2-d77a-4098-a19e-6d9a1e65f44d&pd\\_rd\\_wg=f56xR&pf\\_rd\\_r=NJWWVCNRDRKRGFN4GWN&pd\\_rd\\_r=00f0d2d9-eb15-4ee2-](https://www.amazon.com/dp/B08Y5C947V/ref=sspa_dk_detail_5?psc=1&pd_rd_i=B08Y5C947V&pd_rd_w=h2oUj&pf_rd_p=7771f1a2-d77a-4098-a19e-6d9a1e65f44d&pd_rd_wg=f56xR&pf_rd_r=NJWWVCNRDRKRGFN4GWN&pd_rd_r=00f0d2d9-eb15-4ee2-)

[a10f-722ba7376256&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEzQkdKNVNIJmVuY3J5cHRlZElkPUEwODEyNTYyMktDSINTVFpYT01RMiZlbnNyeXB0ZWRBZElkPUEwMTYyMDc2MjZjNTZHQVZXTjE5SCZ3aWRnZXROYW1lPwX2RldGFpbCZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNRPXRydWU=](https://www.ebay.com/itm/15410f722ba7376256?spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEzQkdKNVNIJmVuY3J5cHRlZElkPUEwODEyNTYyMktDSINTVFpYT01RMiZlbnNyeXB0ZWRBZElkPUEwMTYyMDc2MjZjNTZHQVZXTjE5SCZ3aWRnZXROYW1lPwX2RldGFpbCZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNRPXRydWU=)

- 1 - dapping block and punch set (optional)
- 1 - working hammers (ball peen, rubber or rawhide) small to medium size (optional)
- 2 - needle nose plyers (optional)
- 1 - bench vice or table clamp can be helpful (optional)

Note: panels and jewelry sizes will be limited to the size that will fit inside your kiln (on a trivet and firing rack)