

# Pocosin Arts School of Fine Craft

## Materials and Equipment

Instructor Name: Jan Smith Images and Patterns in Enamel

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](mailto: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
1 oz	Thompson lead free Counter enamel	<b>Rio Grande 119761</b> Thompson also sells this		Yes
1 oz of each colour or the sample packages	Thompson 80 mesh enamels <b>Minimum 3-4 colours.</b> Choose one light one-two mid tone and one dark colours	<b>Rio Grande</b> <b>Rio has a sample kit of Thompson enamels which is pricey but a great way to start 119308</b> Thompson also sells this starter kit and obviously all their colours individually		Yes
1 pint	Scalex (optional)	<b>Rio Grande 350093</b> (calls its Amacote) Thompson also sells this as do other suppliers <a href="https://thompsonenamel.com/product/c-4-scalex/">https://thompsonenamel.com/product/c-4-scalex/</a>		Yes
1 pint	A-1 Klyr-Fire	<b>Rio Grande 119111</b> Thompson also sells this in pints and quarts		Yes
4 oz	Etchall Dip'N Etch <b>(not the cream)</b>	<a href="http://Etchall.com">Etchall.com</a>		Yes
1 150 & 1 220	Alundum stones	<b>Rio Grande 220 350030</b> <b>Rio Grande 150 350029</b>		Yes
Set of 4 grits	<b>OR</b> diamond sticks or pad (Instead of Alundum stones)	<a href="https://www.hisglassworks.com/grinding-tools/hand-grinding.html">https://www.hisglassworks.com/grinding-tools/hand-grinding.html</a>		
1	Glass brush (fine fiberglass brush)	<b>Rio Grande 350026</b> Also available from the other enamel suppliers		Yes

1	Sifters 2 inch diameter 40 mesh	<b>Rio Grande 119305</b> Thompson & Enamel Supply also sell this		Yes
1 one of each mesh (if only one get the 200)	Sifters 2 inch diameter 100, 150, 200	<a href="#">100, 150, 200 Enamel Supply.com</a> Thompson also sells screen materials to make your own sifters		Yes
1 oz liquid	Thompson P3 Underglaze Fine Line Black	<a href="https://thompsonenamel.com/product/overglaze-underglaze-fine-line-black/">https://thompsonenamel.com/product/overglaze-underglaze-fine-line-black/</a>		Yes
2 oz	Lavender Oil	<a href="https://apainterscollection.com/products.html#!/Natural-Lavender-Oil/p/55151067/category=14060292">https://apainterscollection.com/products.html#!/Natural-Lavender-Oil/p/55151067/category=14060292</a>		Yes
1 of each colour (or at least black)	Oxide pencils	<a href="https://thompsonenamel.com/product/underglaze-decorating-pencils/">https://thompsonenamel.com/product/underglaze-decorating-pencils/</a> You can also check with ceramic suppliers		Yes
1 (optional)	VersaMark Watermark Stamp pad	Michaels, JoAnn, local stamp shop		Yes
1 (optional)	Micron pens I like the set but if only buying one get 1.0)	Michaels, Staples, art supply store		Yes
	Different weights of paper for stencil making...from as thin as industrial paper towels, bond paper, magazine pages, tracing paper, graph paper, manila file folders,			Yes
	premade stencils (paper or plastic)			Yes
1	exacto knife, extra blades #11	to cut designs for stencils		Yes
optional	hole punch or any punch shapes you have	to punch designs for stencils		Yes
1	eye dropper	Drug store		Yes
1	Squeeze bottle	Drug store or art supply		
<b>2 PLASTIC</b> containers,	Both large enough to your hold your pieces	<b>NOT</b> glass or metal		Yes

1 box	Baking soda	Grocery store		Yes
1 pair	Acid resistant gloves	Art supply store		Yes
4-6	plastic bottle caps, preferably same height	recycle		Yes
	Catalogues/paper to sift on, shiny paper rather than bond	recycle		Yes
1	Green scotch-brite pad	Grocery store		Yes
	Metal cleaning: this is for cleaning the copper prior to enameling	Pumice powder or baking soda & vinegar or Commercial copper cleaner like pennybrite NOT a cream based polishing compound:		Yes
	Paint brushes	Art supply		Yes
1	Metal spoon			Yes
1 pair	tweezers	For use on hot items		Yes
1	needle tool or old dental tools	Art supply		Yes
	24-20 Copper sheets or pieces <b>if you prefer there are pre cut shapes at both (don't buy beads):</b>	<a href="https://www.riogrande.com">https://www.riogrande.com</a> or <a href="https://www.e-namels.com">https:// www.e-namels.com</a>		Yes

**General metalsmithing/studio/safety tools:**

Fire-proof surface (I have a stainless steel counter top but cement board or tiles work great if you have wood countertop)

Saw frame and saw blade or hand shears if you are cutting copper shapes out

paper towels and/or rags

water source or jugs of water

bucket or pan to catch water & debris in sink

Ventilation system

Torch for annealing, you can also use the kiln.

Pickle

Respirator or dust mask

Ventilation system home built system or Vent-A-Kiln made by <https://www.ventafume.com>

Fire extinguisher

Respirator and eye protection information:

NorthTM 7700 Series 7781P100S almost all women need size small. Some men need small also, but perhaps medium

Place this description in your browser and it will find places for you to buy it.

You may need to purchase the mask and filters separately. Half mask and cartridge.

These are the best cartridges: NorthTM 7700 Series 7781P100S 75SCP100 OR 7583P100

1 pair tinted eye protection recommended. Here's what I own and cost \$155:

<https://www.phillips-safety.com/shop/glassworking/glass-working-safety-eyewear/glassworking-safety-glasses-boroview-3-0-model-33-gb-g3-33/>

These are the best though. I get no coating on mine.

**Less expensive option. This different tinted eye protection option.**

1 pair <http://www.phillips-safety.com/welding-safety/torch-brazing/model-33-fitover-torching-welding-safety-glasses-wld-s-33.html>

Fire extinguisher