

Pocosin Arts *School of Fine Craft*

Materials and Equipment

Instructor Name: Alex Boyd

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 call Laurel Fulton at (720) 939-6961 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	Jewelry maker's ruler	RioGrande item #11602210		x
1	Flat file 2 cut	RioGrande #: 114700		x
1	Flat file 4 cut (not required but useful)	RioGrande #: 114702		x
1 set	Sanding Sticks 180, 320 and 600 grit (I make my own but they are commercially available)	RioGrande #: 337595		x
1	Jeweler's saw	RioGrande #: 110041		x
1 if you don't break any blades	2/0 saw blade	Rio Grande #: 110306		x
1	Fat Tipped Permanent Marker	Any hardware store, Amazon, etc		x

1	Scribe	RioGrande #: 118459		x
1	Dividers (cheaper ones will work but these are a good investment for any serious jeweler)	RioGrande #: 116171		x
1	Half-round/flat pliers	RioGrande #: 111180		x
1	Ring mandrel	RioGrande #: 112322		x
1	Non-marring mallet (rawhide works but I like nylon best)	RioGrande #: 112013		x
1	Steel bench block (anvil works too)	RioGrande #: 112570		x
1	Parallel jaw pliers	RioGrande #: 111321		x
1	Titanium solder pick	RioGrande #: 503019		x
1	Torch			x
1	Pickle in a pickle pot			x
1	Round/flat pliers	RioGrande #: 111190		x
1	Leather pad	Mine's from an old apron. A piece of cloth will work too. It's used to protect the gemstone from scratches while forming the bezel.		x
1	Flush cutters	RioGrande #: 111033		x

1	Barrette Needle File #4 cut (any flat needle file will do, but I like this because it can reach into narrow spaces and removes material slowly to save gold)	RioGrande #114356		x
1	Prips Flux (any flux you normally use is fine but I'll be demoing with this applied with a hypodermic bottle)	Otto Frei #154.502		x
1	Hypodermic bottle for flux	There are many different kinds available online.	x	
1	Iron wire bird's nest	Requires 16 g iron bailing wire available at any hardware store. I'll send a tutorial for making it prior to class.		x
1	1mm drill bit	Rio Grande #: 341273		x
1	1mm ball bur	RioGrande #: 344507		x
1	Round needle file	RioGrande #: 114950		x
1	Bezel roller	RioGrande #: 113063		x
1	Ring clamp	RioGrande #: 113105		x
1	Flat-faced hammer (This one is pricey. There are cheaper options available.)	RioGrande #: 112475		x
1	Half-round hand file #2 cut	RioGrande #: 114929		x

1	Rubberized abrasive wheel (this is for pre-polishing the inside of the ring. A split shank mandrel with sandpaper works too.)	RioGrande #: 33262110		
1	Mandrel for abrasive wheel	RioGrande #: 333105		
1	6 gauge sterling silver sheet for bezel backplate		x	
1	18 gauge sterling silver sheet for bi-metal		x	
1	14 gauge sterling strip for ring		x	
1	22k 28 gauge strip for ring		x	
1	22k 24 gauge strip for bezel		x	
1	18k yellow hard solder		x	
1	Hard silver solder		x	
1	6mm round CZ (You're welcome to provide your own faceted stone. I wouldn't go any larger though. Oval or round will be easiest to build the bezel for.)		x	