

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		
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	